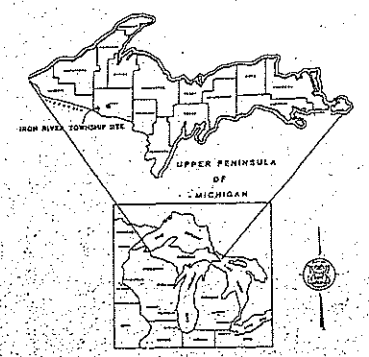
A LOW SECURITY CORRECTIONAL FACILITY
IRON RIVER TOWNSHIP
IRON COUNTY, MICHIGAN 49935

ACCOUNT NUMBER
110-47-5199-047

DEPARTMENT OF CORRECTIONS

REGION MAP



LOCAL MAP

STATE SEAL

STATE OF MICHIGAN
JAMES C. BLOMQUIST
No. 1414
REGISTERED ARCHITECT

ENERGY CODE

THIS PROJECT COMPLIES WITH THE MICHIGAN STATE ENERGY CODE.

SET NUMBER

67.

REVISIONS:

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BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-2000 A.I.A.

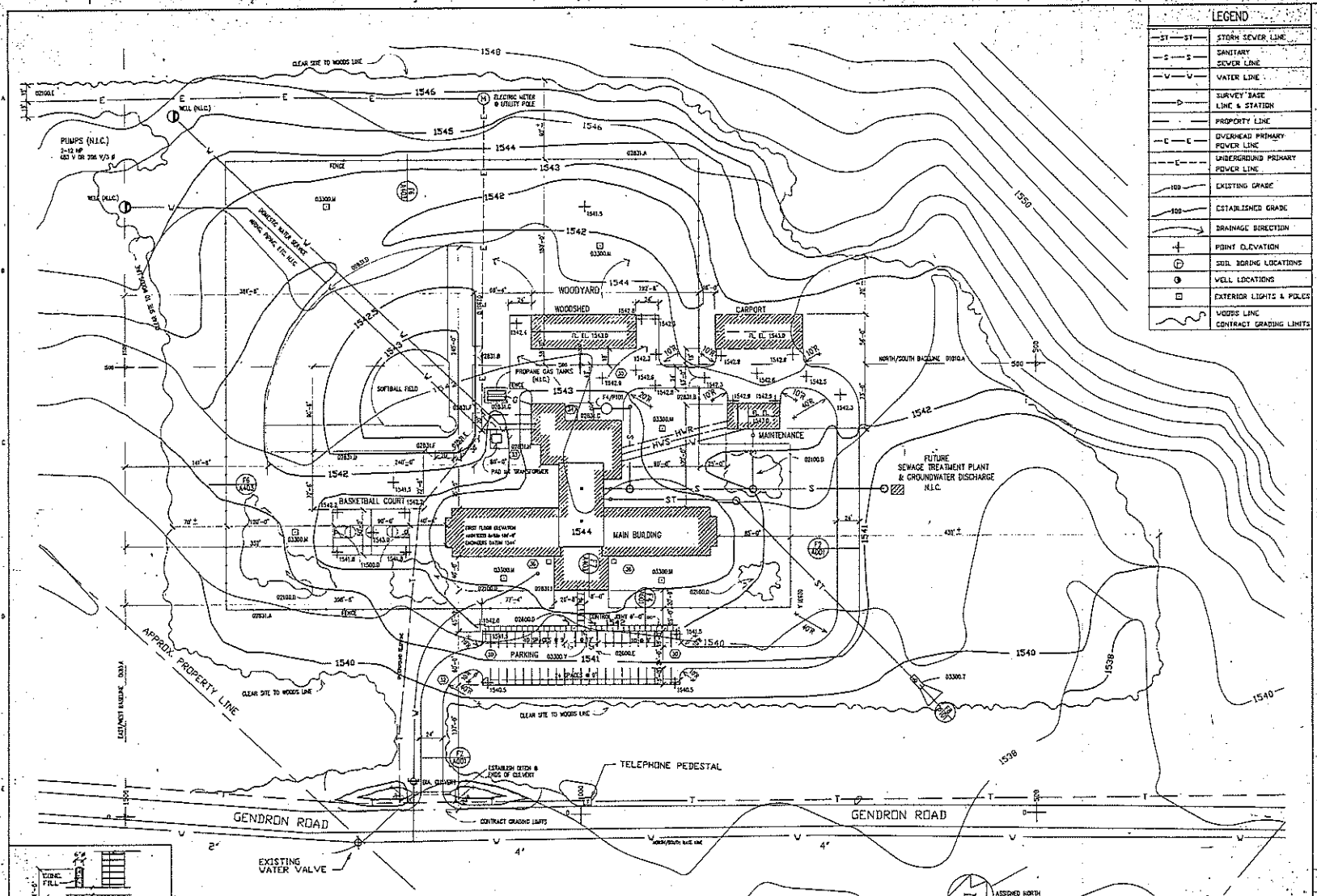
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

ISSUED:		DATE:	ISSUED FOR:
DRAWN:			PRELIMINARY ☐
CHECKED:			CONSTRUCTION ☒
APPROVED:			FINAL RECORD ☐

PROJECT IDENTIFICATION NO.: PROJECT: 5402 STATE ACCOUNT: 110-47-5199-047

SHEET: A000

PLOT DATE:
FILENAME:



LEGEND

—ST—ST—	STORM SEWER LINE
—S—S—	SANITARY SEWER LINE
—V—V—	WATER LINE
	SURVEY BASE LINE & STATION
	PROPERTY LINE
—E—E—	OVERHEAD PRIMARY POWER LINE
—E—	UNDERGROUND PRIMARY POWER LINE
100	EXISTING GRADE
100	ESTABLISHED GRADE
	DRAINAGE DIRECTION
	POINT ELEVATION
	SOIL BORING LOCATIONS
	WELL LOCATIONS
	EXTERIOR LIGHTS & POLES
	WOODS LINE CONTRACT GRADING LIMITS

KEYED NOTES

01010.A RE-ESTABLISH BASE LINE TO FACILITATE LAYOUT IF NECESSARY

02100.D CHECK OF TREES TO REMAIN, VERIFY LOCATION
02100.L CLEAR 35' ELEV. BLDG. VERIFY LENGTH & LOCATION W/UTILITY
02830.E HANDICAPPED PARKING
02830.F SIGN PER G.B.L. STATE OF MICHIGAN
02831.A MINIMUM SECURITY FENCE
02831.B DOUBLE 6'-0" TIE-OFF SWING GATE
02831.C 5'-0" HIGH FENCE AROUND F.S.E. CONDENSING UNITS
02831.D CHAIN LINK FENCE AROUND SOFTBALL FIELD
02831.E SOFTBALL BACKSTOP
02831.F SINGLE 4'-0" SWING GATE
02831.G FENCE AROUND PROPANE TANKS
02831.H FENCE AROUND TRANSFORMER
02831.I CONCERTINA WIRE AT ROOF EDGE
03300.M LIGHT POLE BASE, SEE SHEET E-101 FOR SIZE & LOCATION
03300.T 5'-0"X3'-0"X6" SPLASH BLOCK
03300.Y HANDICAPPED SIDEWALK RAMP PER G.B.L. STATE OF MICHIGAN

GENERAL NOTES

(30) PARKING SPACE - PAINT LINES, 4" WIDE, YELLOW, ON PAVEMENT. STANDARD SPACE 9'X18', HANDICAPPED SPACE 12'X18'

(31) GRADING - IF THE ESTABLISHED GRADE DO NOT BALANCE, CUT & FILL A BORROW OR DISPOSAL AREA FOR GRADING DIRT WILL BE PROVIDED WITHIN 500' OF GRADING LIMITS.

(32) BITUMINOUS PAVING W/BASE COURSE OF GRAVEL EXTENDING 2'-0" BEYOND EDGE OF PAVING. TOPSOIL & TURFING TO EXTEND TO EDGE OF PAVING

(33) PROVIDE CONCRETE TRANSFORMER PAD AS REQUIRED BY UTILITY COMPANY.

(34) PROVIDE A 12'-0"X 8'-0"X 6" THICK CONCRETE PAD REINFORCED W/2 LAYERS 6x6-W10/10 W.W.F. FOR FOOD SERVICE EQUIPMENT (F.S.E) CONDENSING UNITS. CAST IN 4"-8"x2 1/2" DIA. SLEEVES AT CORNERS.

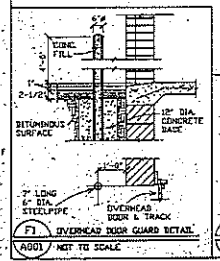
(35) PROVIDE POSITIVE SLOPE ON ALL BITUMINOUS SURFACES FOR DRAINAGE.

(36) 4'-0"X4'-0"X6" CONCRETE PAD W/6X6 10/10 WWF FOR CONDENSING UNIT

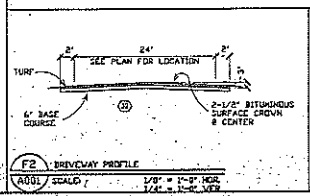
(37) PROVIDE A 12'-0"X 12'-0"X 5" THICK CONCRETE PAD REINFORCED W/6X6W10/10 W.W.F.

(38) COMPLY W/SOIL EROSION & SEDIMENTATION CONTROL ACT WITHIN CONTRACT GRADING LIMITS OR OTHER AREAS OF THE SITE DISTURBED DURING CONSTRUCTION

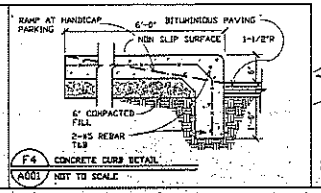
REVISIONS:



F1 OVERHEAD DOOR GUARD DETAIL
A001 NOT TO SCALE



F2 DRIVEWAY PROFILE
A001 SCALE: 1/8" = 1'-0" HOR. 1/4" = 1'-0" VERT.



F4 CONCRETE CURB DETAIL
A001 NOT TO SCALE

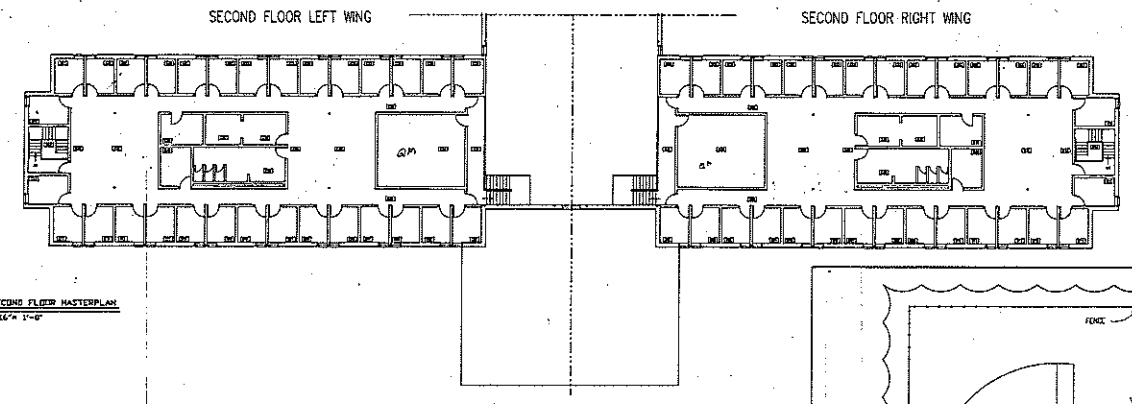
F6 SITE PLAN
A001 1"=50'-0"

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

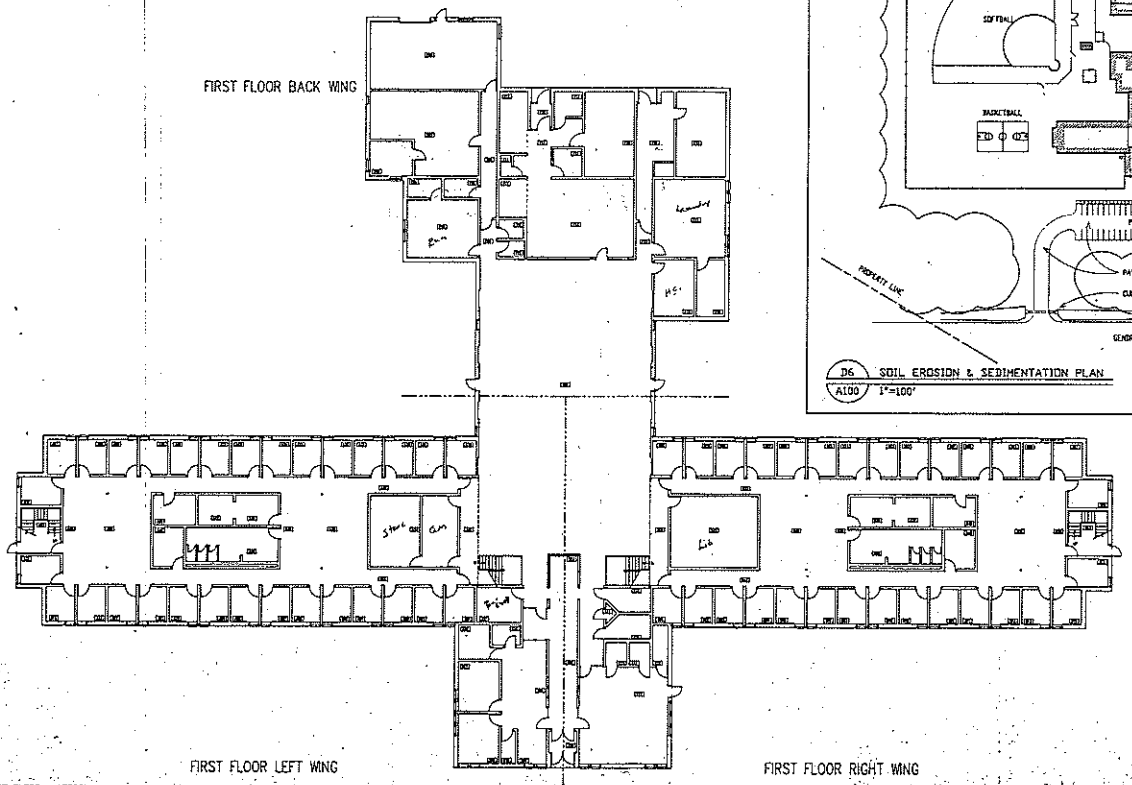
BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
200 S. KIMBALL ST. - P.O. BOX 1111 - N.E. IRON MOUNTAIN, MICHIGAN 49801 906-774-1000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

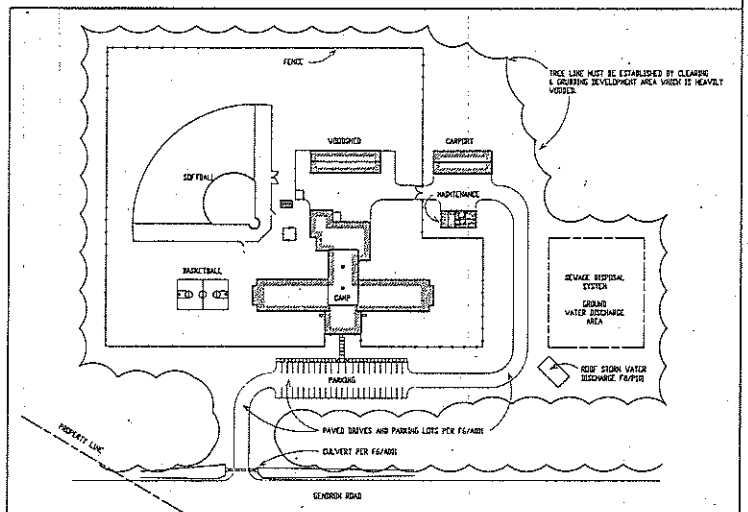
DESIGNED: WK
DRAWN: JG
CHECKED: JB
APPROVED: JB
DATE: 7/12/89
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐
SHEET: A001
IDENTIFICATION NO.: PROJECT: 5402 STATE ACCOUNT: 110-47-5189-047



B1 SECOND FLOOR MASTERPLAN
A100 1/16"= 1'-0"



F1 FIRST FLOOR MASTERPLAN
A100 1/16"= 1'-0"



D6 SOIL EROSION & SEDIMENTATION PLAN
A100 1"=100'

EROSION CONTROL NOTES

1. SEE F6/A001 SITE PLAN FOR MORE INFORMATION ON PROPERTY LINE LOCATION, PROXIMITY TO MARSH LOCATED WEST OF GENDRON ROAD, AND TOPOGRAPHIC CONTOUR INFORMATION.
2. THE SITE CONTAINS WELL DRAINING GRANULAR/SAND SOILS TO AN APPROXIMATE DEPTH OF 10 FEET. FOR FURTHER INFORMATION, CONSULT FULL SOILS REPORT ON FILE AT ARCHITECT'S OFFICE.
3. EXACT LIMITS OF DEVELOPMENT AREA ARE DETERMINED BY DIMENSIONS SHOWN ON SITE PLAN F6/A001 AND ADDITIONAL AREA REQUIRED BY CONTRACTOR SUBJECT TO ARCHITECT'S APPROVAL.
4. A BALANCED CUT AND FILL WILL BE ACHIEVED ON SITE WITH BARROW AREA LOCATED ALONG EAST EDGE OF SITE. ACTUAL SIZE OF DEVELOPMENT AREA WILL BE DEPENDENT ON QUANTITY OF FILL REQUIRED. CONTRACTOR TO LEAVE MAXIMUM SLOPES OF 3:1. FINAL GRADE AND TURF AS SOON AS BARROW OPERATIONS ARE COMPLETE.
5. SCHEDULE OPERATIONS TO MINIMIZE TIME BETWEEN ORIGINAL SITE CLEARING AND GRUBBING AND FINAL GRADING AND TURFING FOR A MAJORITY OF THE DEVELOPMENT AREA.
6. AREAS REMAINING WITHOUT TURFING FOR A PROLONGED PERIOD, SUCH AS AROUND BUILDING STRUCTURES, SHALL BE KEPT DAMP TO REDUCE DUST AND WIND EROSION.
7. PROVIDE TEMPORARY METHODS OF EROSION CONTROL SUCH AS STAKED SODDING OR EROSION BARRIERS INCLUDING STRAW BALES AND/OR FABRIC AT ALL UNTURFED SLOPES EXCEEDING 3:1.
8. ALL AREAS DISTURBED BY CONSTRUCTION WORK SHALL BE TURFED.
9. CONTRACTOR HAS OPTION TO TURF WITH SOD IN LIEU OF SEEDING SPECIFIED.
10. NO FINAL GRADE SLOPES SHALL EXCEED 3:1.
11. AREAS DAMAGED BY EROSION SHALL BE IMMEDIATELY REPAIRED, STABILIZED AND PROTECTED AND UNWANTED DEPOSITS OF ERODED MATERIAL SHALL BE REMOVED.
12. ALL TURFED AREAS AND EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR TO FINAL ACCEPTANCE BY THE OWNER. OWNER SHALL MAINTAIN SAME AFTER FINAL ACCEPTANCE.

ROOM NO.	ROOM NAME
A01-A08	RESIDENT ROOM
A31	CORRIDOR
A32	CORRIDOR
A33	RESIDENT STORE
A34	PASSIVE REC.
A35	CORRIDOR
A36	DRESSING
A37	SHOWER
A38	TOILET
A39	JANITOR
A40	COUNCEL
A41	PASSIVE REC.
A42	CORRIDOR
A43	STAIR
A44	CORRIDOR
B01-B08	RESIDENT ROOM
B31	CORRIDOR
B32	CORRIDOR
B33	WEIGHT LIFTING
B34	PASSIVE REC.
B35	CORRIDOR
B36	DRESSING
B37	SHOWER
B38	TOILET
B39	JANITOR
B40	COUNCEL
B41	PASSIVE REC.
B42	CORRIDOR
B43	STAIR
B44	CORRIDOR
C01-C08	RESIDENT ROOM
C31	CORRIDOR
C32	CORRIDOR
C33	PERSONAL STOR.
C34	PASSIVE REC.
C35	CORRIDOR
C36	DRESSING
C37	SHOWER
C38	TOILET
C39	JAN/FAN ROOM
C40	COUNCEL
C41	PASSIVE REC.
C42	CORRIDOR
C43	STAIR
C44	CORRIDOR
D01-D08	RESIDENT ROOM
D31	CORRIDOR
D32	CORRIDOR
D33	PERSONAL STOR.
D34	PASSIVE REC.
D35	CORRIDOR
D36	DRESSING
D37	SHOWER
D38	TOILET
D39	JAN/FAN ROOM
D40	COUNCEL
D41	PASSIVE REC.
D42	CORRIDOR
D43	STAIR
D44	CORRIDOR
E01	VESTIBULE
E02	CORRIDOR
E03	GUARD STATION
E04	WAITING
E05	STORAGE
E06	OFFICE
E07	OFFICE
E08	CLERICAL
E09	MECH SUPPLY
E10	CLERK ROOM
E11	GROOMING
E12	VISITING
E13	MONS ROOM
E14	VIMONS ROOM
E15	MECH/STORAGE
E16	TEMP. RETENTION
E17	SERVICE
E18	TEMP. RETENTION
E19	CORRIDOR
F01	REC/DINING
F02	ARTS/CRAFTS
F03	CORRIDOR
F04	STORAGE
F05	HAZARD STOR.
F06	GENERATOR RM
F07	MECHANICAL
F08	CORRIDOR
F09	BOILER ROOM
F10	JANITOR
F11	STAFF TOILET
F12	REFRIGERATOR
F13	KITCHEN
F14	TOILET
F15	CORRIDOR
F16	OFFICE
F17	FREEZER
F18	VESTIBULE
F19	JAN/STOR.
F20	FOOD STORAGE
F21	STAGING AREA
F22	CONT. SUPPLY
F23	CORRIDOR
F24	LAUNDRY
F25	MEDICAL
F26	CLEAN LINEN

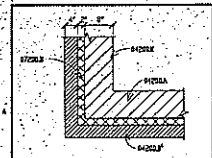
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

SSOMMERS BLOMQUIST NELSON ARCHITECTS
200 S. STEPHENSON AVE., P.O. BOX 1000, IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

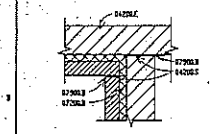
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

SHEET	IDENTIFICATION NO.	ISSUED FOR:	DATE:
A100	PROJECT: 5402	PRELIMINARY ☐	DESIGNED: J.B.B.
	STATE ACCOUNT:	CONSTRUCTION ☒	DRAWN: J.B.B. 7/6/95
	110-47-5199-047	FINAL RECORD ☐	CHECKED: J.C.B.
			APPROVED: J.C.B.

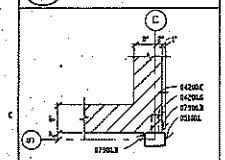
FOR DATE REFERENCE



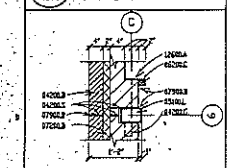
A1 PLAN SECTION
A101 3/4"=1'-0"



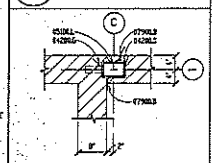
B1 PLAN SECTION
A101 3/4"=1'-0"



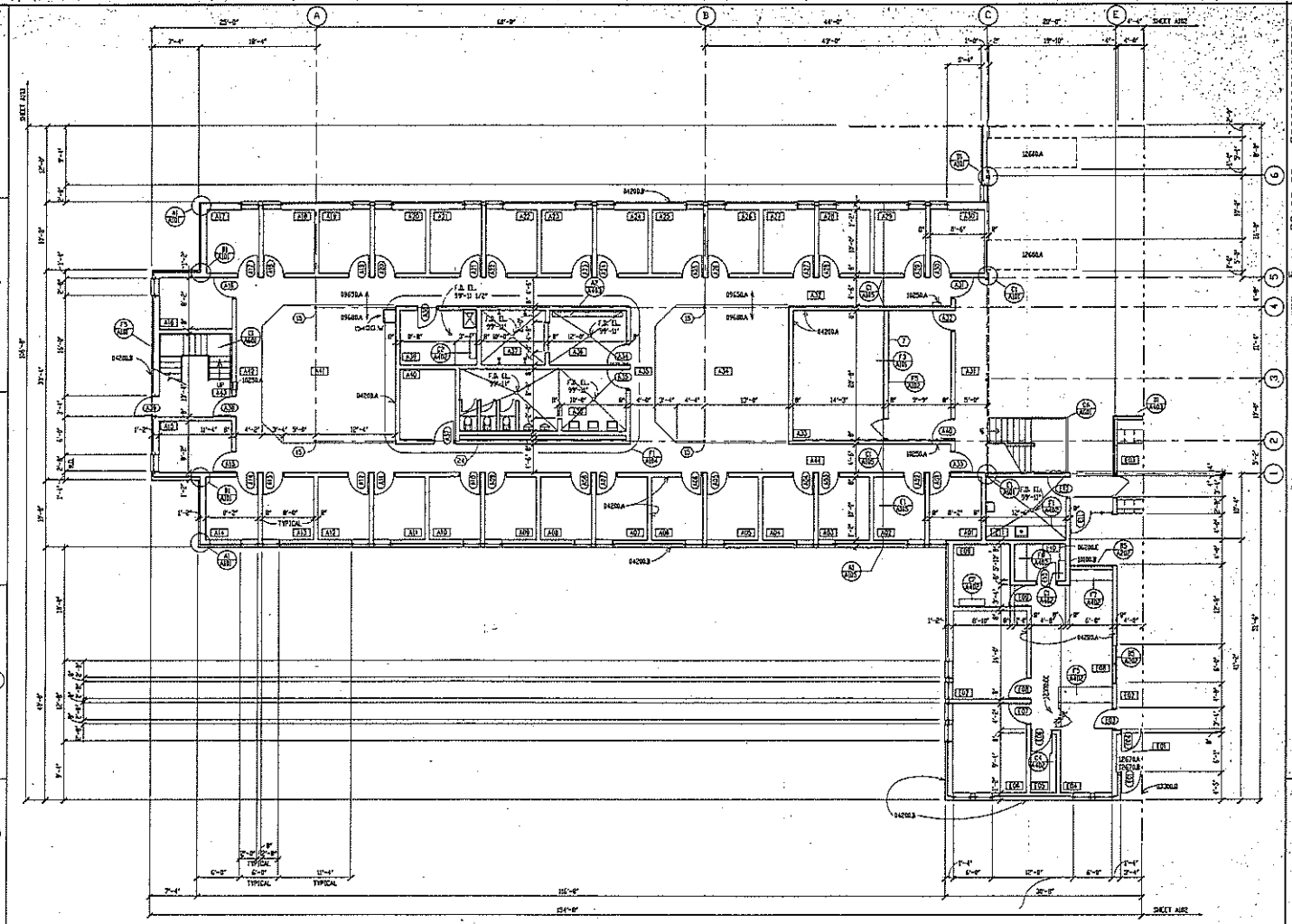
C1 PLAN
A101 3/4"=1'-0"



D1 PLAN
A101 3/4"=1'-0"



E1 PLAN
A101 3/4"=1'-0"



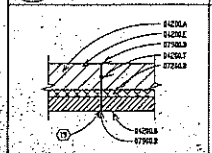
E2 LEFT WING FIRST FLOOR PLAN
A101 1/8"=1'-0"

KEYED NOTES

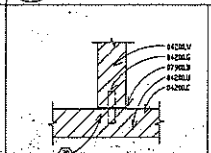
- 03200G - #5 BARS CONTINUOUS
- 03200H - #5 #5 BARS 1'-0" O/C FILL CORES
- 03300A - REINFORCED CONCRETE SLAB ON GRADE
- 03300G - SLOPE
- 03300LK - CONCRETE CAP ON WALL W/4" BULLNOSE AT EXPOSED CORNERS
- 04200A - CONCRETE MASONRY UNIT
- 04200B - FACE BRICK
- 04200C - MASONRY WALL REINFORCING @ 16"O.C. VERT. ALL WALLS
- 04200D - CORRUGATED MASONRY WALL TIE & SWIGS
- 04200E - MASONRY CORNER REINFORCING @ 16" O.C. VERT.
- 04200J - EXPANSION JOINT MATERIAL
- 04200K - CONTROL JOINT MATERIAL
- 04200U - CMU BEARING WALL
- 04200V - CMU NON-BEARING WALL
- 05200L - TUBE COLUMN PER SCHEDULE
- 06200E - HARDWOOD FILLER
- 06200F - POLE & SHELF
- 07200B - RIGID INSULATION
- 07500B - BACKING RED & CAULKING
- 09650A - VINYL COMPOSITION TILE
- 09680A - CARPET
- 10200B - TACK BOARD 4'
- 10250A - EXTINGUISHER CABINETS
- 10605A - MESH PARTITION
- 12300CC - GATE ASSEMBLY SIMILAR TO THAT SHOWN IN DETAIL 10/A401 W/A 3/4" SIDE PANEL
- 12500A - BUILT-IN TABLE ASSEMBLIES
- 12670A - VINYL MAT IN FRAME
- 12670B - MAT FRAME
- 15400W - ELECTRIC WATER COOLER

GENERAL NOTES

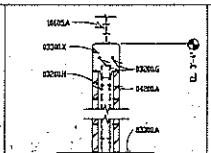
- (7) 3'-4" HIGH BLOCK WALL W/SOLID CAP AND MESH PARTITION
- (10) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DWGS
- (19) EXTERIOR WALL E.L. AND E.A LOCATIONS SHOWN ON SHEET A200
- (20) E.A DCT. F2/AHU BETWEEN ALL BEARING AND NON-BEARING WALLS
- (23) MAT BE REVERSED TO OPPOSITE HAND, SEE FLOOR PLAN
- (24) INSTALL SLAB LEVEL UNDER WATER CLOSETS



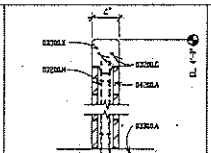
F1 PLAN-C.J.
A101 3/4"=1'-0"



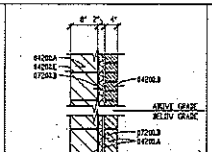
F2 PLAN-C.J.
A101 3/4"=1'-0"



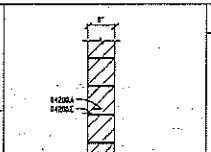
F3 INTERIOR WALL DETAIL
A101 3/4"=1'-0"



F4 INTERIOR WALL DETAIL
A101 3/4"=1'-0"



F5 TYP. EXTERIOR WALL
A101 3/4"=1'-0"



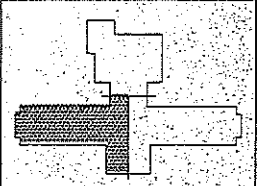
F6 TYP. INTERIOR WALL
A101 3/4"=1'-0"

PLAN LEGEND

- ROOM NUMBERS
- DOOR NUMBERS
- GENERAL NOTES
- REVISION NUMBERS
- 12500A KEYED NOTES
- DETAIL SYMBOL

ROOM NAMES

A01-A08	RESIDENT ROOM	E01	VESTIBULE
A20	CORRIDOR	E02	CORRIDOR
A32	CORRIDOR	E03	GUARD STATION
A33	RESIDENT STORE	E04	WAITING
A34	PASSIVE REC.	E05	STORAGE
A35	CORRIDOR	E06	OFFICE
A36	DRESSING	E07	OFFICE
A37	SHOWER	E08	CLERICAL
A38	TOILET	E09	SECURE STORAGE
A39	JANITOR	E10	CLOCK ROOM
A40	COUNSEL	E11	GREENING
A41	PASSIVE REC.		
A42	CORRIDOR		
A43	STAIR		
A44	CORRIDOR		



KEY PLAN

REVISIONS:

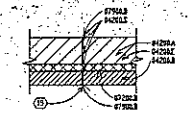
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
305 E. KIRTLAND, IRON MOUNTAIN, MICHIGAN 49801 906-779-7000 FAX

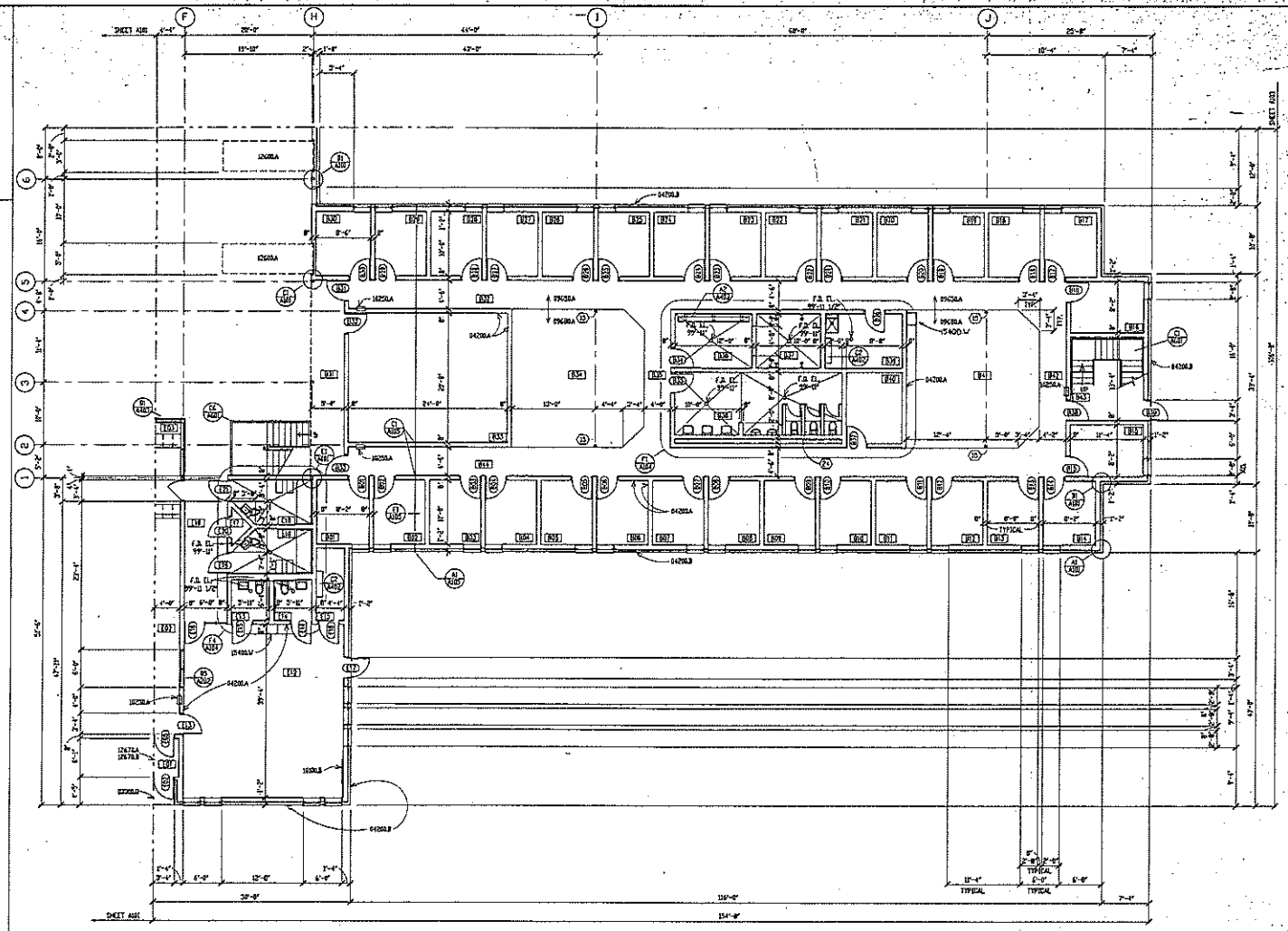
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

SHEET	DESCRIPTION NO.	ISSUED FOR	DATE	ISSUED: 1-98
A101	PROJECT 1-5402	PRELIMINARY		DRAWN: J.P.
	STATE ACCOUNT	CONSTRUCTION	7/24/97	DESIGNED: J.D.
	110-42-2199-047	FINAL RECORD		UPDATED: J.D.

EDIT DATE



A1 PLAN-E.J.
A102 3/4"=1'-0"



E2 RIGHT WING FIRST FLOOR PLAN
A102 1/8"=1'-0"

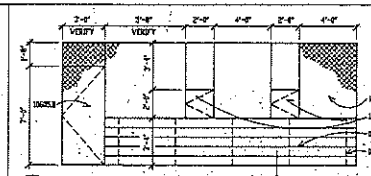
KEYED NOTES

02200A	2 X 8 BASE 4'-0" O.C. FULL CORES
02200B	SLOPE
04200A	CONCRETE MASONRY UNIT
04200B	FACE BRICK
04200E	MASONRY WALL REINFORCING, @ 16"O.C. VERT. ALL WALLS
04200C	EXPANSION JOINT MATERIAL
07200B	RIGID INSULATION
07500B	BACKING-RIGID & CAULKING
09500A	VINYL COMPOSITION TILE
09680A	CARPET
10100B	TACK BOARD 4'
10250A	EXTINGUISHER CABINETS
10620A	NON PARTITION
10645B	3'x7' MESH DOOR
10645C	24"x24" SERVICE DOOR
12600A	BUILT-IN TABLE ASSEMBLIES
12676A	VINYL MAT IN FRAME
12676B	MAT FRAME
15400LV	ELECTRIC WATER COOLER

GENERAL NOTES

(G3) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DWGS.
(G7) EXTERIOR WALL C.J. AND E.J. LOCATIONS SHOWN ON SHEET A202
(G4) INSTALL SLAB LEVEL UNDER WATER COOLER

KEY PLAN



F5 ELEVATION ROOM #A33
A102 1/4"=1'-0"

PLAN LEGEND

- ROOM NUMBERS
- DOOR NUMBERS
- GENERAL NOTES
- REVISION NUMBERS
- KEYED NOTES
- DETAIL SYMBOL

ROOM NAMES

B01-B20	RESIDENT ROOM	E01	VESTIBULE
B21	CORRIDOR	E02	CORRIDOR
B22	CORRIDOR	E03	GUARD STATION
B23	WEIGHT LIFTING	E12	VESTIBULE
B24	PASSIVE REC.	E13	NURSE ROOM
B25	CORRIDOR	E14	WORKING ROOM
B26	RECEIVING	E15	MEDS/STORAGE
B27	SHOWER	E16	TEMP. DETENTION
B28	TOILET	E17	SERVICE
B29	JANITOR	E18	TEMP. DETENTION
B40	CORRIDOR	E19	CORRIDOR
B41	PASSIVE REC.		
B42	CORRIDOR		
B43	STAIR		
B44	CORRIDOR		

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

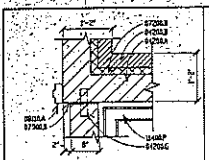
BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
100 S. STEPHENSON AVE. BOTTOMLINE, MICHIGAN 49801 906-774-1000 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

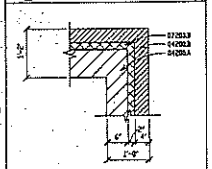
		DATE
DESIGNED:	KB	
DRAWN:	JD	
CHECKED:	JD	
APPROVED:	KB	

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

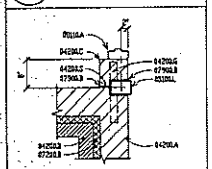
SHEET: A102
MODIFICATION NO.:
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047



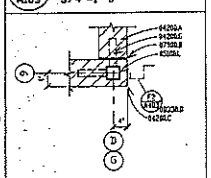
A1 PLAN-DETAIL
A103 3/4"=1'-0"



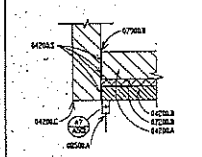
B1 PLAN-DETAIL
A103 3/4"=1'-0"



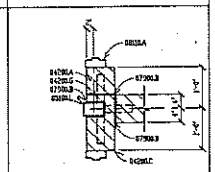
C1 PLAN-DETAIL
A103 3/4"=1'-0"



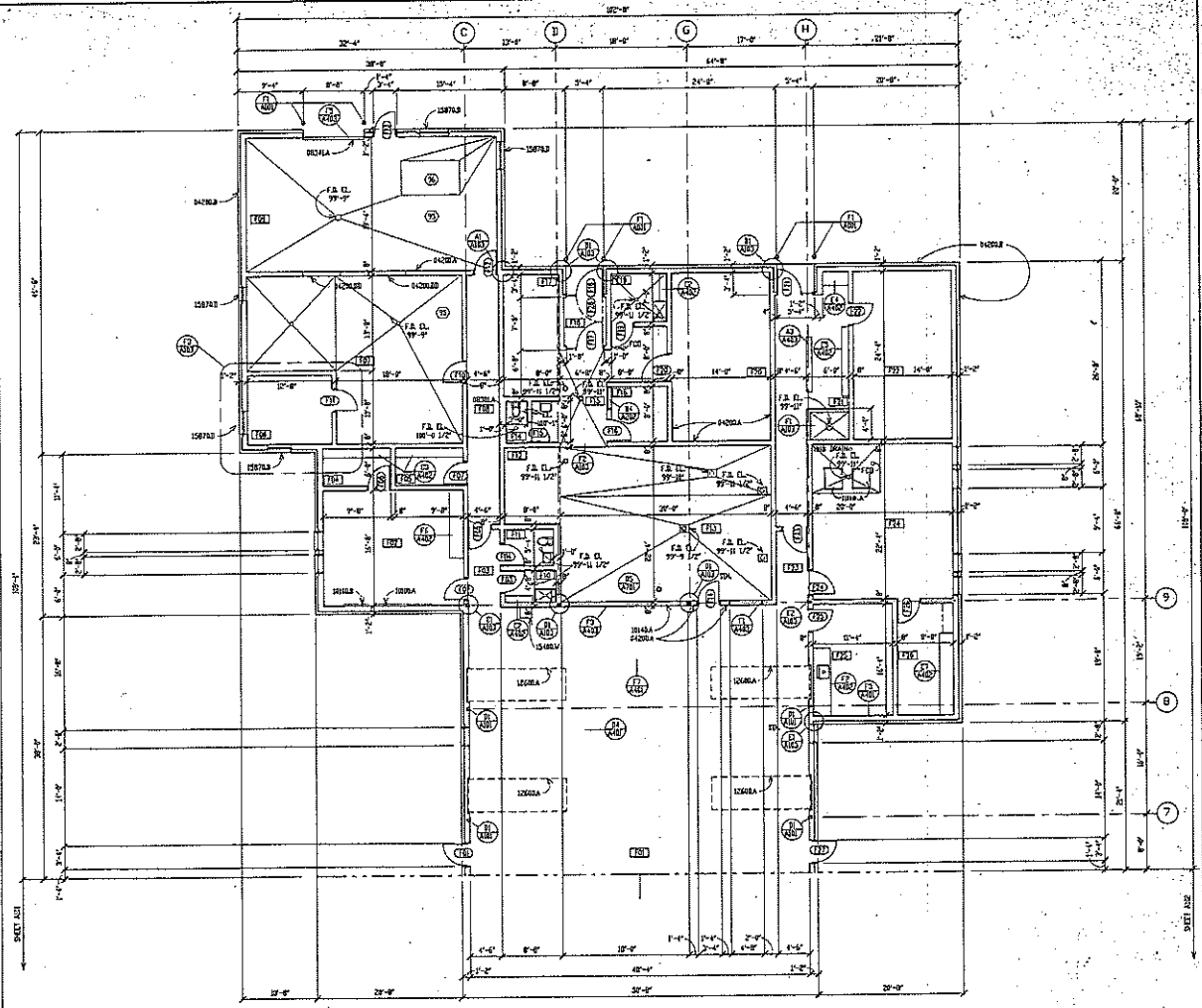
D1 PLAN-DETAIL
A103 3/4"=1'-0"



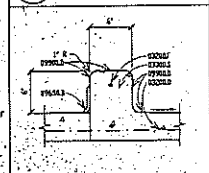
E1 PLAN-DETAIL
A103 3/4"=1'-0"



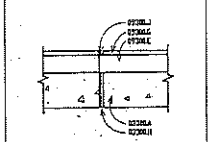
E2 PLAN-DETAIL
A103 3/4"=1'-0"



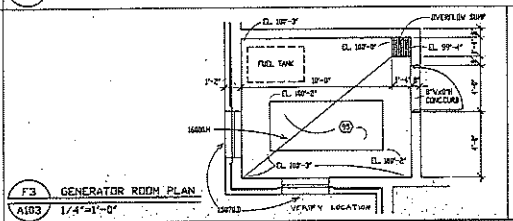
E3 FIRST FLOOR PLAN
A103 1/8"=1'-0"



F1 SECTION
A103 1-1/2"=1'-0"



F2 SECTION
A103 1-1/2"=1'-0"



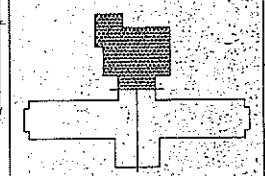
F3 GENERATOR ROOM PLAN
A103 1/4"=1'-0"

KEYED NOTES

- 03200LD VULCRED WIRE FABRIC
- 03210LF #4 BAR CONTINUOUS
- 03300LA REINFORCED CONCRETE SLAB ON GRADE
- 03300LH EXPANSION JOINT
- 07300LS CONCRETE CURB
- 04200LA CONCRETE MASONRY UNIT
- 04200LB FACE BRICK
- 04200LC GROUT ALL EXPOSED CAVE CORNERS TO 1/4"R
- 04200LG CORRUGATED MASONRY WALL TIE @ 24"OCC
- 04200LS EXPANSION JOINT MATERIAL
- 04200LDD KNOCK-OUT PANEL
- 05100LL TUBE COLUMN PER SCHEDULE
- 07200LB RIGID INSULATION
- 07900LB BACKING ROD & CAULKING
- 08100LA HOLLOW METAL FRAME
- 08300LA 18"x24" WALL ACCESS DOOR
- 08500LB DOOR JAMB TRACK
- 08510LA GARAGE DOOR
- 08550LA ALUMINUM WINDOWS
- 09200LC MORTAR BED SLOPED TO DRAIN
- 09300LG QUARRY TILE ON MORTAR BED
- 09300LJ QUARRY TILE EXPANSION JOINT
- 09650LB VINYL BASE
- 09900LB EPOXY RESIN PAINT FINISH
- 10100LA CHALK BOARD 8'
- 10100LB TACK BOARD 4'
- 10140LA PROJECTION SCREEN
- 10160LA WASHER & DRYER
- 11400LF WALK-IN COOLER/FREEZER
- 12400LA BUILT-IN TABLE ASSEMBLIES
- 15400LV ELECTRIC WATER COOLER
- 15870LB MECHANICAL LINEWORK/DRAWING-VERIFY SIZE AND LOCATION WITH MECHANICAL DRAWINGS
- 16400LH GENERATOR

GENERAL NOTES

- (92) PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR PUMPS, WATER HEATERS, BOILER, TANKS, PANELS, ETC WHERE SHOWN ON PLUMBING, MECHANICAL OR ELECTRICAL PLANS.
- (96) PROVIDE 8"-THICK CONCRETE PAD FOR VIGO BOILER. SEE DETAIL 4/7/M101.



KEY PLAN

PLAN LEGEND

- ROOM NUMBERS
- DOOR NUMBERS
- GENERAL NOTES
- NOMSON NUMBERS
- 12345A KEYED NOTES
- DETAIL SYMBOL

ROOM NAMES

F01	REC/DINING	F14	TOILET
F02	ARTS/CRAFTS	F15	CORRIDOR
F03	CORRIDOR	F16	OFFICE
F04	STORAGE	F17	FREEZER
F05	HAZARD STOR.	F18	VESTIBULE
F06	GENERATOR RM	F19	JAN./STOR.
F07	MECHANICAL	F20	FOOD STORAGE
F08	CORRIDOR	F21	STAGING AREA
F09	BOILER ROOM	F22	GENT. SUPPLY
F10	JANITOR	F23	CORRIDOR
F12	STAFF TOILET	F24	LAUNDRY
F12	REFRIGERATOR	F25	MEDICAL
F13	KITCHEN	F26	CLEAN LINEN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

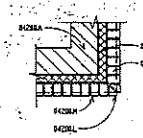
BLOMQUIST NELSON ASSOCIATES ARCHITECTS
1051 W. WASHINGTON, MARQUETTE, MICHIGAN 49855 (906) 226-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

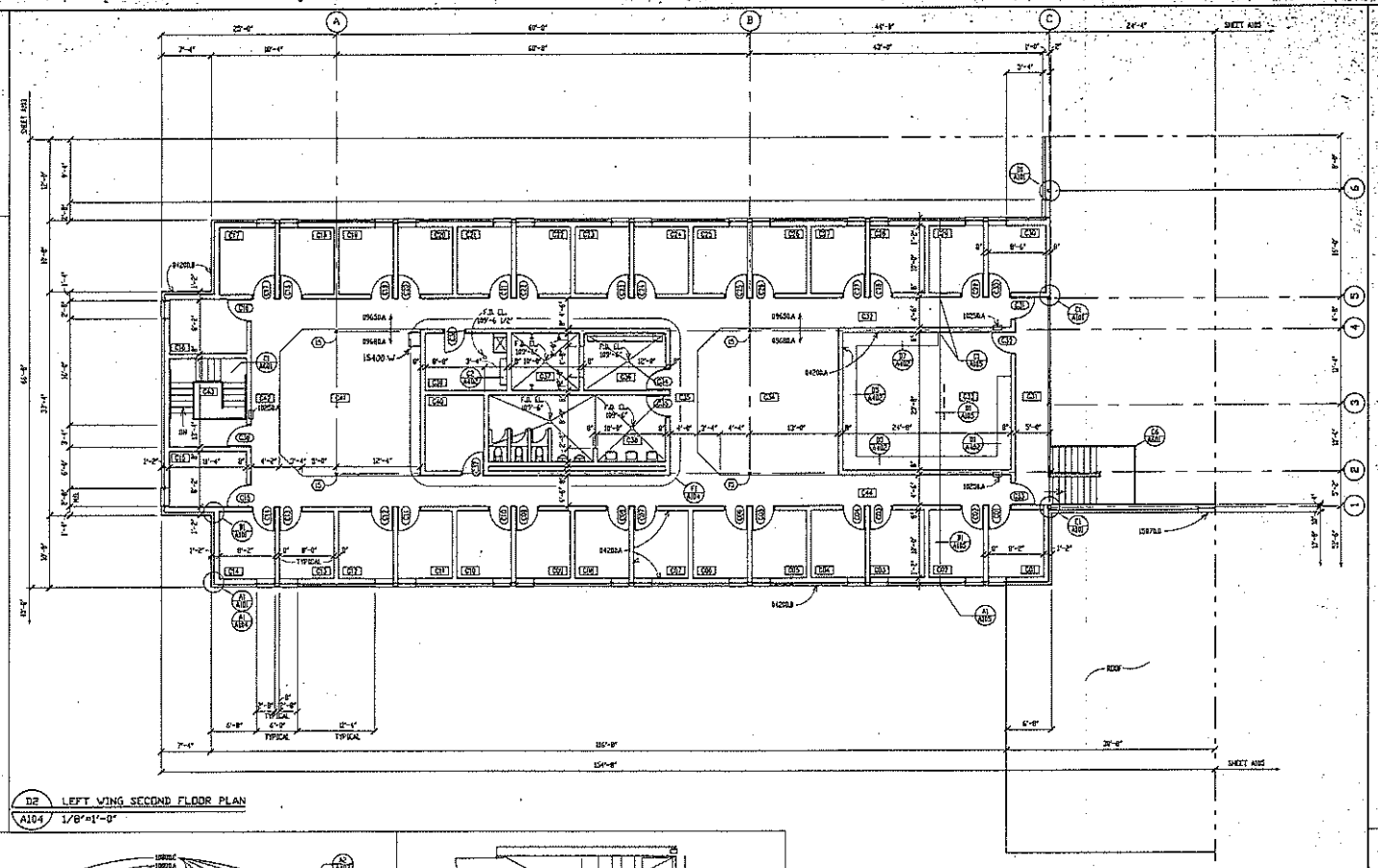
DESIGNED: AJD
DRAWN: JD
CHECKED: AJD
APPROVED: AJD

SHEET	IDENTIFICATION NO.	ISSUED FOR	DATE
A103	PROJECT: 5402 STATE ACCOUNT: 110-47-5199-047	PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐	7/2/97 7/24/97

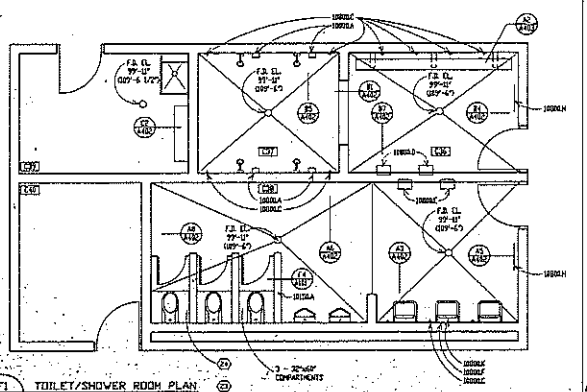
PLOT DATE 7/24/97
FILENAME



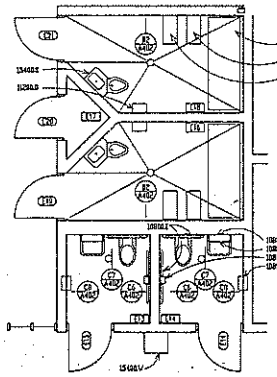
A1 PLAN-DETAIL
A104 3/4"=1'-0"



D2 LEFT WING SECOND FLOOR PLAN
A104 1/8"=1'-0"



F1 TOILET/SHOWER ROOM PLAN
A104 1/4"=1'-0"



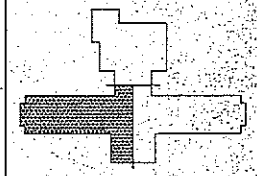
F4 TEMPORARY DETENTION/TOILET ROOMS PLAN
A104 1/4"=1'-0"

KEYED NOTES

04200A	CONCRETE MASONRY UNIT
04200B	FACE BRICK
04200L	SOLID BRICK IN SOLDIER COURSE
04200M	SOLDIER COURSE
07200B	RIGID INSULATION
09650A	VINYL COMPOSITION TILE
09680A	CARPET
10250A	TOILET COMPARTMENTS
10270A	EXTINGUISHER CABINETS
10522A	SOAP TRAYS
10800C	ROBE HOOKS
10800D	HAND DRYERS
10800E	HAND DRYERS
10800F	MIRROR 18"W X 24" H
10800G	TOILET PAPER HOLDER
10800J	GRAB BARS
10800K	WALL SHELF
10800L	TILE MANTORS
11250A	BENCH
11250B	TABLE
11250C	BENCH
11250D	SHELF WINDOWS
15400S	COMBINATION V.C. AND LAV.
15400V	ELECTRIC WATER COOLER
15870D	MECHANICAL LOUVER/GRILLE-VERIFY SIZE AND LOCATION WITH MECHANICAL DRAWINGS

GENERAL NOTES

12	STEEL COLUMN PER SCHEDULE ON STRUCTURAL DWGS
22	MAY BE REVERSED TO OPPOSITE HAND, ALL FLOOR PLANS
24	INSTALL SLAB LEVEL UNDER VANITY CLOSET



KEY PLAN

PLAN LEGEND	
	ROOM NUMBERS
	DOOR NUMBERS
	GENERAL NOTES
	REVISION NUMBERS
12500A	KEYED NOTES
	DETAIL SYMBOL

ROOM NAMES	
C01-C29	RESIDENT ROOM
C30	CORRIDOR
C32	CORRIDOR
C33	PERSONAL STOR.
C34	PASSIVE REC.
C35	CORRIDOR
C36	DRESSING
C37	SHOWER
C38	TOILET
C39	JANITOR ROOM
C40	CLOSET
C41	PASSIVE REC.
C42	CORRIDOR
C43	STAIR
C44	CORRIDOR

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

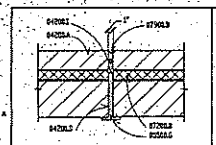
BLOMQUIST-NELSON ASSOCIATES ARCHITECTS
1000 S. TEPEE CIRCLE, NO. 101, MOUNTAIN HOME, UT 84051 (435) 645-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

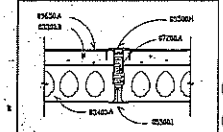
	DATE	
DESIGNED:		
DRAWN:		
CHECKED:	7/12/99	
APPROVED:		

ISSUED FOR:	
PRELIMINARY	☐
CONSTRUCTION	☒
FINAL RECORD	☐

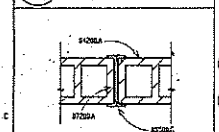
SHEET	A104
JOB IDENTIFICATION NO.	
PROJECT	5402
STATE ACCOUNT	110-47-5199-047



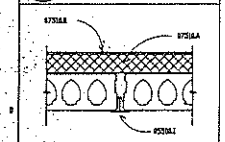
A1 PLAN-DETAIL
A105 1"=1'-0"



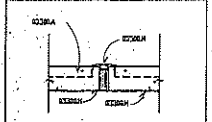
B1 SECTION DETAIL
A105 1"=1'-0"



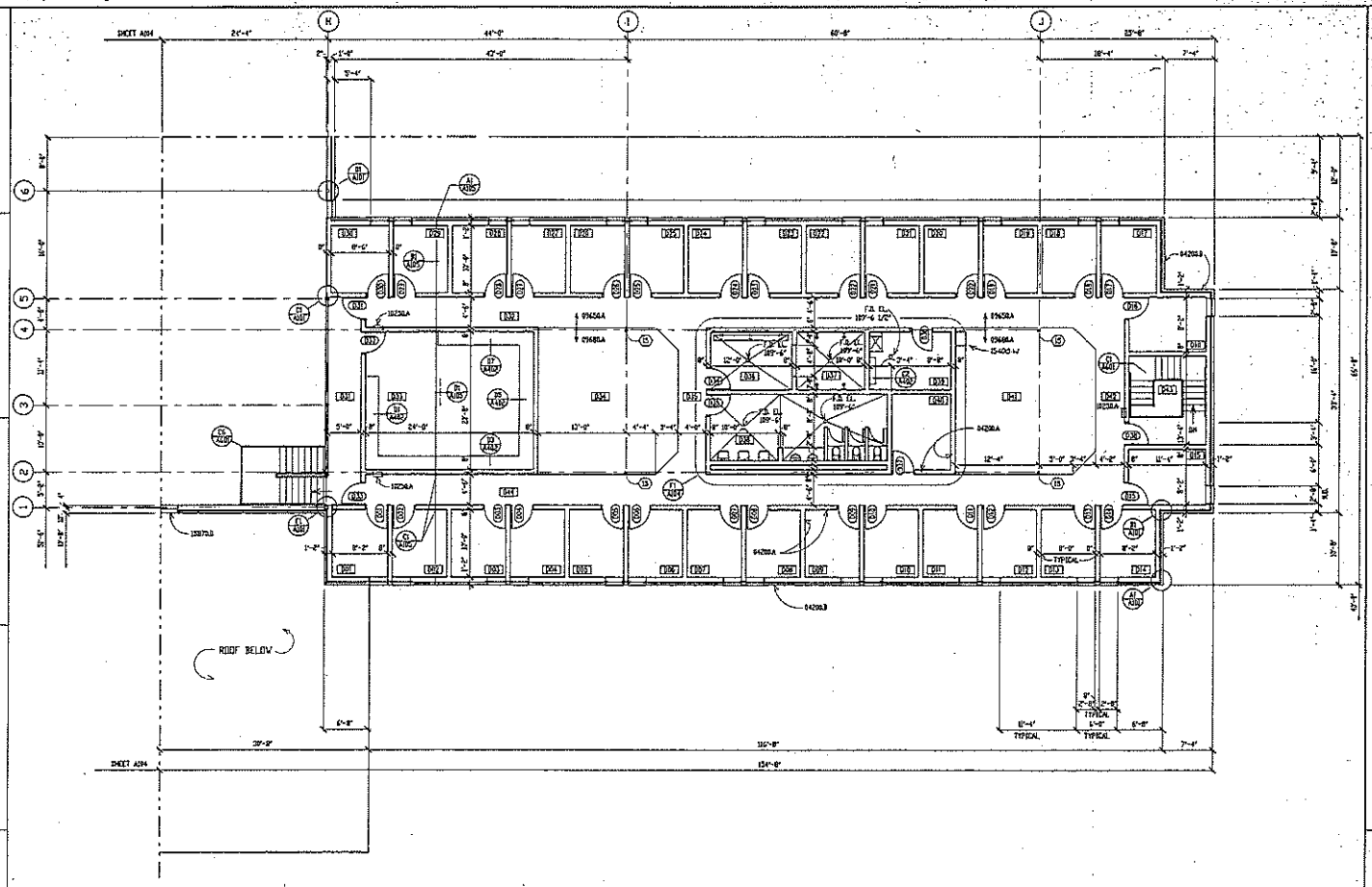
C1 PLAN-DETAIL
A105 1"=1'-0"



D1 SECTION DETAIL
A105 1"=1'-0"



E1 SECTION DETAIL
A105 1"=1'-0"



E2 RIGHT WING SECOND FLOOR PLAN
A105 1/8"=1'-0"

KEYED NOTES

03300A	REINFORCED CONCRETE SLAB ON GRADE
03300B	REINFORCED CONCRETE TOPPING SLAB
03300C	MOISTURE BARRIER UNDER ALL INTERIOR SLABS ON GRADE
03500A	EXPANSION JOINT
03600A	PRECAST CONCRETE-HOLLOW CORE SLAB
04200A	CONCRETE MASONRY UNIT
04200B	FACE BRICK
04200C	FLASHING
04200D	EXPANSION JOINT MATERIAL
05500B	WALL EXPANSION JOINT COVER
05500H	FLOOR EXPANSION JOINT COVER
05500J	CEILING EXPANSION JOINT COVER
07200A	RIGID INSULATION
07500A	ROOF INSULATION
07500B	ROOF MEMBRANE
07500C	BACKING ROD AND CAULKING
09650A	VINYL COMPOSITION TILE
09680A	CARPET
10250A	EXTINGUISHER CABINETS
15070D	MECHANICAL LOUVER/OPENING-VERIFY SIZE AND LOCATION WITH MECHANICAL DRAWINGS
15400V	ELECTRIC WATER COOLER

GENERAL NOTES

(15) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DWGS

KEY PLAN

PLAN LEGEND

	ROOM NUMBERS
	DOOR NUMBERS
	GENERAL NOTES
	REVISION NUMBERS
15300A	KEYED NOTES
	DETAIL SYMBOL

ROOM NAMES

101-030	RESIDENT ROOM
031	CORRIDOR
032	CORRIDOR
033	PERSONAL STOR.
034	PASSIVE REC.
035	CORRIDOR
036	DRESSING
037	DRIVER
038	TOILET
039	JANITOR ROOM
040	CORRIDOR
041	PASSIVE REC.
042	CORRIDOR
043	STAIR
044	CORRIDOR

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

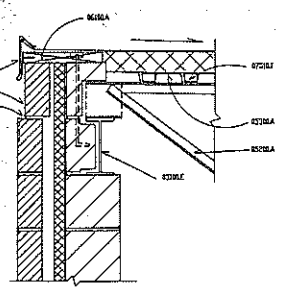
BLOMQUIST NELSON ASSOCIATES ARCHITECTS
555 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

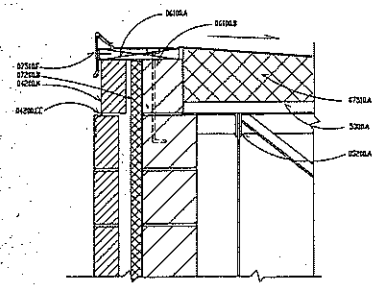
SHEET 1	1 - INTERVENTION NO.	ISSUED FOR:	DATE:
PROJECT: 5402		PRELIMINARY	
STATE PROJECT:		CONSTRUCTION	3/14/07
110-47-5189-017		FINAL RECORD	

DESIGNED: JB
DRAWN: JB
CHECKED: JB
APPROVED: JB

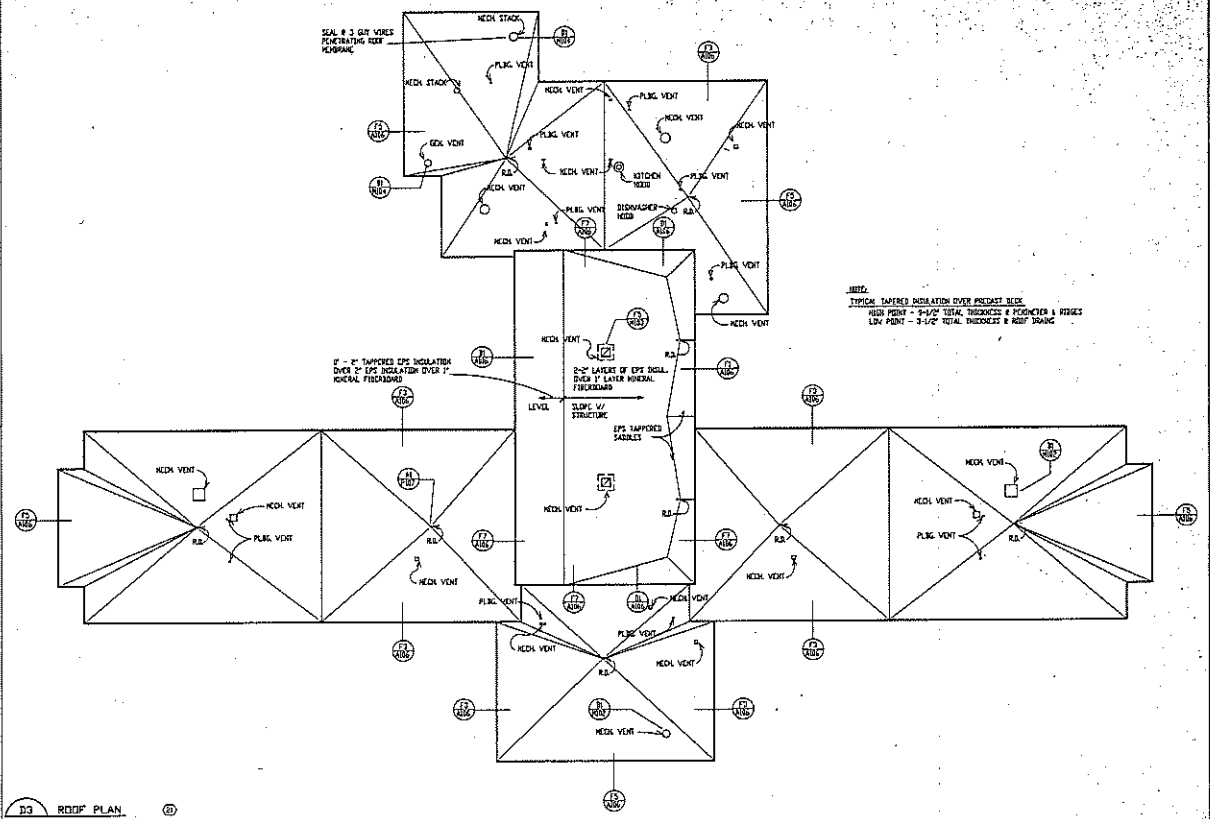
A105



B1 EDGE DETAIL
A106 1-1/2"=1'-0"

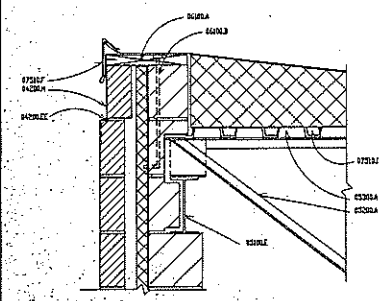


D1 EDGE DETAIL
A106 1-1/2"=1'-0"

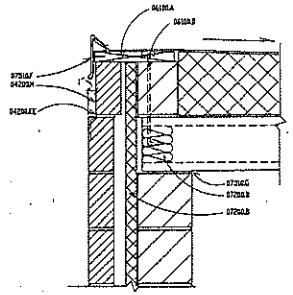


NOTE:
TYPICAL TAPERED INSULATION OVER PRECAST DECK
HIGH POINT - 3-1/2" TOTAL THICKNESS @ PERIMETER & RIDGES
LOW POINT - 3-1/2" TOTAL THICKNESS @ ROOF DRAINS

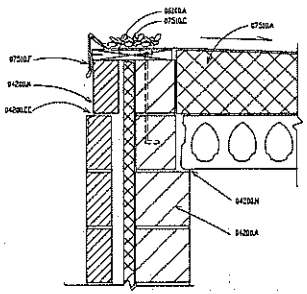
D3 ROOF PLAN
A106 1/16"=1'-0"



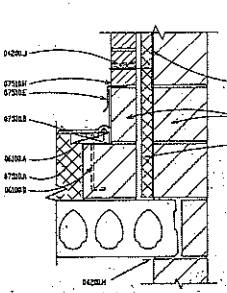
F1 EDGE DETAIL
A106 1-1/2"=1'-0"



F3 EDGE DETAIL
A106 1-1/2"=1'-0"



F5 EDGE DETAIL
A106 1-1/2"=1'-0"



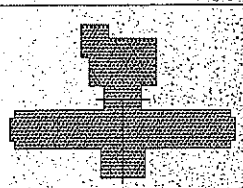
F7 EDGE DETAIL
A106 1-1/2"=1'-0"

KEYED NOTES

- 04100A MORTAR FILL FRAMES
- 04200A CONCRETE MASONRY UNIT
- 04200C MASONRY WALL REINFORCING 8W DC VERT. ALL WALLS
- 04300A FLASHING
- 04300J WEEP HOLES
- 04200A SOLDIER COURSE
- 04200EE SLOPED HEAD JOINT
- 05100E STEEL BEAM PER SCHEDULE
- 05200A STEEL JOIST
- 05300A CROSS BRIDGING
- 05300A STEEL DECK
- 06100A TREATED WOOD BLOCKING
- 06100B 1/2" DIA. ANCHOR BOLT @ 4'-0" O.C. TYPICAL
- 07200B RIGID INSULATION
- 07510A ROOF INSULATION
- 07510F ROOF MEMBRANE
- 07510C BALLAST (TYPICAL)
- 07510E COUNTER-FLASHING
- 07510F FASCIA
- 07510G MOLDED
- 07510J INSTALL ACOUSTIC STRIPS SUPPLIED WITH STEEL DECK
- 07900A CAULKING AT ALL LOCATIONS WHERE HOLLOW METAL FRAMES MEET MASONRY, CONCRETE OR STEEL
- 08100B MASONRY "T" ANCHORS

GENERAL NOTES

(01) VERIFY LOCATION AND SIZES OF ALL ROOF PENETRATIONS.



KEY PLAN

REVISIONS:

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: AJS
DRAWN: ED
CHECKED: LD
APPROVED: AJS

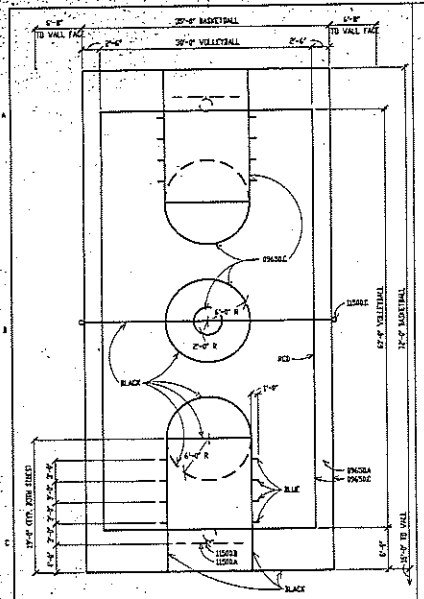
DATE:

ISSUED FOR:
PRELIMINARY
CONSTRUCTION
FINAL RECORD

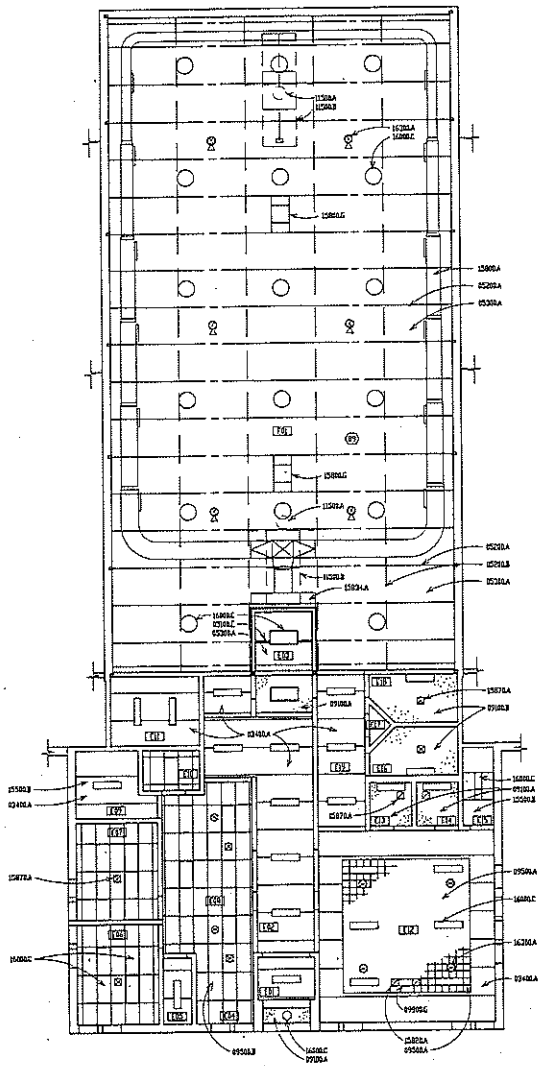
IDENTIFICATION NO.
PROJECT: 5-502
STATE ACCOUNT:
110-47-5189-047

SHEET: A106

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities
NELSON/JAMES ARCHITECTS
A305 E. JEFFERSON AVE., PO. BOX 1000, DETROIT, MICHIGAN 48207 PH: 313-567-2000 FAX



A4 / A201 GYM FLOOR MARKINGS
1/8"=1'-0"



F3 / A201 REFLECTIVE CEILING PLAN
1/8"=1'-0"

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS UPPER	WALLS RIGHT	WALLS LOWER	WALLS LEFT	CEILING	CEILING HEIGHT	REMARKS
A01-A20	RESIDENT ROOM	VCT	VC	F2	F2	F2	F2	CG P4	8'-8"	
A21	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	8'-8"	GRAPHICS DET. 6D4/A401 SIM.
A22	CORRIDOR	VCT	VC	P1 x	P1	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6D3/A401.
A23	PERSONAL STORE	VCT	VC	P1	P1	P1	P1	CG P4	8'-8"	
A24	PASSIVE REC.	CARP	VC	P1	P1 x	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6E4/A401.
A25	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	8'-8"	GRAPHICS DET. 6E4/A401 SIM.
A26	DRESSING	CT	CTB	P3	P3	P3	P3	PL P6	7'-10"	
A27	SHOWER	CT	CTB	P3	P3	P3	P3	PL P6	7'-10"	
A28	TOILET	CT	CTB	P3	P3	P3	P3	PL P6	7'-10"	
A29	JANITOR	VCT	VC	P1	P1	P1	P1	CG P4	8'-8"	P3 WITHIN 2' OF MOP SINK & 5' HIGH
A40	COUNCIL	VCT	VC	P1	P1	P1	P1	CG P4	8'-8"	
A41	PASSIVE REC.	CARP	VC	P1	P1 x	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6F4/A401
A42	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	8'-8"	GRAPHICS DET. 6E4/A401
A43	STAIR	VCT/1	VC	P1	P1	P1	P1	CG P4	8'-8"	
A44	CORRIDOR	VCT	VC	P1	P1	P1 x	P1	CG P4	8'-8"	GRAPHICS DET. 6B3/A401
B01-B20	RESIDENT ROOM	VCT	VC	F2	F2	F2	F2	CG P4	8'-8"	
B21	CORRIDOR	VCT	VC	P1	P1 x	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6D4/A401
B22	CORRIDOR	VCT	VC	P1 x	P1	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6D3/A401
B23	PERSONAL STORE	VCT	VC	P1	P1	P1	P1	CG P4	8'-8"	
B24	PASSIVE REC.	CARP	VC	P1	P1 x	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6F4/A401
B25	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	8'-8"	GRAPHICS DET. 6E4/A401 SIM.
B26	DRESSING	CT	CTB	P3	P3	P3	P3	PL P6	7'-10"	
B27	SHOWER	CT	CTB	P3	P3	P3	P3	PL P6	7'-10"	
B28	TOILET	CT	CTB	P3	P3	P3	P3	PL P6	7'-10"	
B29	JANITOR	VCT	VC	P1	P1	P1	P1	CG P4	8'-8"	P3 WITHIN 2' OF MOP SINK & 5' HIGH
B40	COUNCIL	VCT	VC	P1	P1	P1	P1	CG P4	8'-8"	
B41	PASSIVE REC.	CARP	VC	P1	P1	P1	P1 x	CG P4	8'-8"	GRAPHICS DET. 6F4/A401
B42	CORRIDOR	VCT	VC	P1	P1 x	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6E4/A401
B43	STAIR	VCT/1	VC	P1	P1	P1	P1	CG P4	8'-8"	
B44	CORRIDOR	VCT	VC	P1	P1 x	P1	P1	CG P4	8'-8"	GRAPHICS DET. 6B3/A401
C01-C20	RESIDENT ROOM	VCT	VC	F2	F2	F2	F2	CG P4	9'-0"	
C21	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	9'-0"	GRAPHICS DET. 6D4/A401
C22	CORRIDOR	VCT	VC	P1 x	P1	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6D3/A401
C23	PERSONAL STORE	CONC	NONE	NF	NF	NF	NF	CG NF	9'-0"	
C24	PASSIVE REC.	CARP	VC	P1	P1 x	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6F4/A401
C25	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	9'-0"	GRAPHICS DET. 6E4/A401 SIM.
C26	DRESSING	CT	CTB	P3	P3	P3	P3	PL P6	8'-0"	
C27	SHOWER	CT	CTB	P3	P3	P3	P3	PL P6	8'-0"	
C28	TOILET	CT	CTB	P3	P3	P3	P3	PL P6	8'-0"	
C29	JANITOR ROOM	VCT	VC	P1	P1	P1	P1	CG P4	9'-0"	P3 WITHIN 2' OF MOP SINK & 5' HIGH
C40	COUNCIL	VCT	VC	P1	P1	P1	P1	CG P4	9'-0"	
C41	PASSIVE REC.	CARP	VC	P1	P1 x	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6F4/A401
C42	CORRIDOR	VCT	VC	P1	P1	P1	P1 x	CG P4	9'-0"	GRAPHICS DET. 6E4/A401
C43	STAIR	VCT/1	VC	P1	P1	P1	P1	CG P4	9'-0"	
C44	CORRIDOR	VCT	VC	P1	P1	P1 x	P1	CG P4	9'-0"	GRAPHICS DET. 6B3/A401
D01-D20	RESIDENT ROOM	VCT	VC	F2	F2	F2	F2	CG P4	9'-0"	
D21	CORRIDOR	VCT	VC	P1	P1 x	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6D4/A401
D22	CORRIDOR	VCT	VC	P1 x	P1	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6D3/A401
D23	PERSONAL STORE	CONC	NONE	NF	NF	NF	NF	CG NF	9'-0"	
D24	PASSIVE REC.	CARP	VC	P1	P1	P1 x	P1	CG P4	9'-0"	GRAPHICS DET. 6F4/A401
D25	CORRIDOR	VCT	VC	P1	P1 x	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6E4/A401 SIM.
D26	DRESSING	CT	CTB	P3	P3	P3	P3	PL P6	8'-0"	
D27	SHOWER	CT	CTB	P3	P3	P3	P3	PL P6	8'-0"	
D28	TOILET	CT	CTB	P3	P3	P3	P3	PL P6	8'-0"	
D29	JANITOR ROOM	VCT	VC	P1	P1	P1	P1	CG P4	9'-0"	P3 WITHIN 2' OF MOP SINK & 5' HIGH
D40	COUNCIL	VCT	VC	P1	P1	P1	P1	CG P4	9'-0"	
D41	PASSIVE REC.	CARP	VC	P1	P1	P1	P1 x	CG P4	9'-0"	GRAPHICS DET. 6F4/A401
D42	CORRIDOR	VCT	VC	P1	P1 x	P1	P1	CG P4	9'-0"	GRAPHICS DET. 6E4/A401
D43	STAIR	VCT/1	VC	P1	P1	P1	P1	CG P4	9'-0"	
D44	CORRIDOR	VCT	VC	P1	P1	P1 x	P1	CG P4	9'-0"	GRAPHICS DET. 6B3/A401
E01	VESTIBULE	VCT/M	VC	P1	P1	P1	P1	CG P4	9'-0"	
E02	CORRIDOR	VCT	VC	P1	P1	P1	P1	CG P4	9'-0"	
E03	GUARD STATION	VCT	VC	P1	P1	P1	P1	ET P4 x	7'-4"	PL. P3 INSTALLED PER F3/A202
E04	WAITING	VCT	VC	P2	P2	P2	P2	AT-2	8'-0"	
E05	STORAGE	VCT	VC	P2	P2	P2	P2	CG P4	9'-4"	
E06	OFFICE	CARP	VC	P2	P2	P2	P2	AT-2	8'-0"	
E07	OFFICE	CARP	VC	P2	P2	P2	P2	AT-2	8'-0"	
E08	CLERICAL	CARP	VC	P2	P2	P2	P2	AT-2	8'-0"	
E09	MECH. SUPPLY	VCT	VC	P2	P2	P2	P2	CG P4	9'-4"	
E10	CLOCK ROOM	VCT	VC	P2	P2	P2	P2	AT-2	8'-0"	
E11	GROOMING	VCT	VC	P1	P1	P1	P1	CG P4	9'-4"	
E12	VISITING	VCT	VC	P2	P2	P2	P2	CG P4 x	9'-4"	AT-1 INSTALLED PER F3/A202
E13	MENS ROOM	CT	CTB	P3	P3	P3	P3	PL P3	8'-0"	
E14	WOMENS ROOM	CT	CTB	P3	P3	P3	P3	PL P3	8'-0"	
E15	MECH/STORAGE	VCT	VC	P2	P2	P2	P2	CG P4	9'-4"	
E16	TEMP. RETENTION	CONC	NONE	P3	P3	P3	P3	PL P3 x	8'-0"	PL. 1" THICK
E17	SERVICE	CONC	NONE	NF	NF	NF	NF	CG NF	9'-4"	
E18	TEMP. RETENTION	CONC	NONE	P3	P3	P3	P3	PL P3 x	8'-0"	PL. 1" THICK
E19	CORRIDOR	VCT	VC	P1	P1	P1	P1	CG P4	9'-4"	
F01	REC/DINING	VCT/3/T	VC	P x	P x	P x	P x	CG P4	VARIES	AT1 TO 7'-4", P2 ABOVE 7'-4" (GRAPHICS DET. 6D4/T3/A401)
F02	ARTS/CRAFTS	VCT	VC	P2	P2	P2	P2	CG P4	10'-8"	
F03	CORRIDOR	VCT	VC	P1	P1	P1	P1	PL P6	8'-0"	
F04	STORAGE	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F05	HANDARD STOR.	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F06	GENERATOR RM	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F07	MECHANICAL	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F08	CORRIDOR	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F09	BOILER ROOM	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F10	JANITOR	VCT	VC	P1	P1 x	P1	P1	CG P4	10'-8"	P3 ON WALLS WITHIN 2' OF MOP SINK & 5' HIGH
F11	STAFF TOILET	CT	CTB	P3	P3	P3	P3	PL P3	7'-10"	
F12	REFRIGERATOR	PREFINISHED UNIT								
F13	KITCHEN	QT	QTB	P3	P3	P3	P3	CG P4	10'-8"	
F14	TOILET	QT	QTB	P3	P3	P3	P3	PL P3	7'-10"	
F15	CORRIDOR	QT	QTB	P3	P3	P3	P3	CG P3	10'-8"	
F16	OFFICE	QT	QTB	P2	P2	P2	P2	CG P3	10'-8"	
F17	FREEZER	PREFINISHED UNIT								
F18	VESTIBULE	QT	QTB	P1	P1	P1	P1	CG P3	10'-8"	
F19	JANITOR	QT	QTB	P1	P1 x	P1 x	P1	CG P3	10'-8"	P3 ON WALLS WITHIN 2' OF MOP SINK & 5' HIGH
F20	FOOD STORAGE	QT	QTB	P3	P3	P3	P3	CG P3	10'-8"	
F21	STAGING AREA	CONC A	VC	P1	P1	P1	P1	CG P4	10'-8"	P3 ON CLEANING WALL TO 5' AFF W/24" OF BASIN IN BASIN
F22	CONT. SUPPLY	CONC	NONE	NF	NF	NF	NF	CG NF	10'-8"	
F23	CORRIDOR	VCT	VC	P1	P1	P1	P1	PL P6	8'-0"	
F24	LAUNDRY	VCT	VC	P1	P1	P1	P1	CG P4	10'-8"	
F25	MEDICAL	VCT	VC	P2	P2	P2 x	P2	CG P4	10'-8"	GRAPHICS DET. 6F3/A401
F26	CLEAN LINEN	VCT	VC	P2	P2	P2	P2	CG P4	10'-8"	

KEYED NOTES

03400A	PRECAST CONCRETE-HOLLOW CORE SLAB
05100A	STEEL BEAM PER SCHEDULE
05200A	STEEL JOIST
05300A	CONCRETE DECKING
05500A	STEEL DECK
09300A	SUSPENDED PLASTER CEILING
09300B	SUSPENDED PLASTER CEILING-1" THICK AT TEMP. RETENTION
09500A	ACOUSTIC TILE-GLUE ON
09500B	ACOUSTIC TILE-EXPOSED GRID
09650A	VINYL COMPOSITION TILE
09650C	MARKING STRIPS
09900B	PAINT (REF. WORK)
15500A	BACKBOARD AND GOAL
15500B	CEILING MOUNTED STANDARDS
15500C	FLOOR SLEEVES
15500D	COORDINATE LOCATION OF LIMITED AREA FIRE SUPPRESSION ELEMENTS (REF. DRAWING)
15800A	DUCTWORK
15800C	PRESSURE RELIEF HOOD
15820A	POWER ROOF VENTILATORS
15830A	AIR HANDLING UNITS
15870A	GRILLES, REGISTERS, OR DIFFUSERS
16000C	LIGHTING FIXTURES
16200A	PUBLIC ADDRESS SPEAKER

GENERAL NOTES

(09) COORDINATE LOCATIONS OF EQUIPMENT WITH OTHER TRADES

SCHEDULE LEGEND

FLOOR
- CARP 09680-A CARPETING
- CT 09300-A CERAMIC TILE
- CONC 03300-A CONCRETE SEAM SEALED
- QT 09300-B QUARRY TILE
- VCT 09650-A VINYL COMPOSITION TILE
- M 09670-A VINYL LINK MAT
- T 09630-C RUBBER STRIPING
- T 09630-D RUBBER TREAD ANS MOLDING

BASE
- CTB 09300-C CERAMIC TILE BASE
- QTB 09300-B QUARRY TILE BASE
- VC 09630-B VINYL COVE BASE
- NONE NO BASE APPLIED

WALLS
- SURFACE MATERIAL
- WALLS 04200-A CONCRETE MASONRY UNITS
- FINISHES
- P1 09900-A POLYESTER EPOXY WALL PAINT
- P2 09900-D SEMI-GLOSS WALL PAINT
- P3 09900-C EPOXY RESIN WALL PAINT
- QT 09300-B QUARRY WALL TILE
- NF NO APPLIED FINISH

CEILING
- SURFACE MATERIAL
- ST 05300-A STEEL DECKING
- S1 05200-A STEEL JOIST
- P1 03400-A PRECAST CONCRETE SLABS
- CG 09300-A CEMENT PLASTER
- AT-1 09500-A ACOUSTIC TILE-GLUE ON
- AT-2 09500-B ACOUSTIC TILE-EXPOSED GRID
- FINISHES
- P4 09900-B FLAT LATEX CEILING PAINT
- P3 09900-E SEMI GLOSS CEILING PAINT
- P6 09900-F EPOXY RESIN CEILING PAINT
- NF NO APPLIED FINISH

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

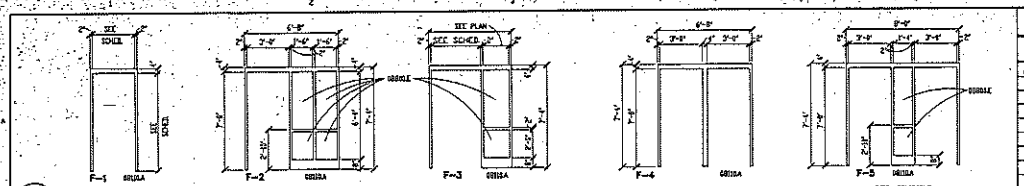
A. BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-3000 FAX

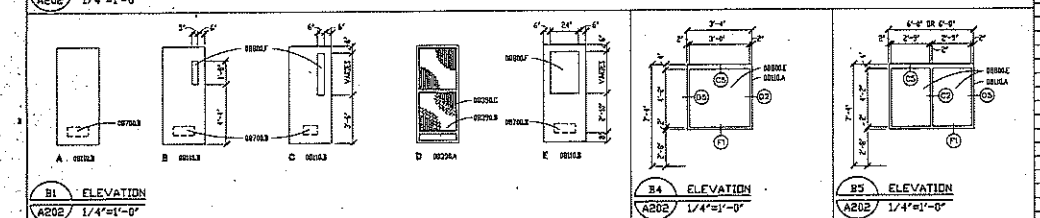
project: A LOW SECURITY, CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

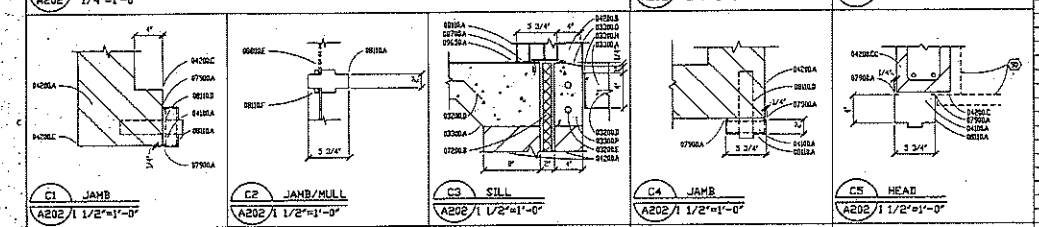
DESIGNED:	DRAWN:	CHECKED:	APPROVED:
KB	KB	KB	KB

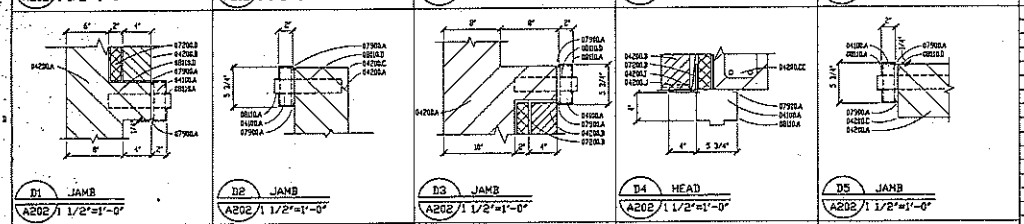
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

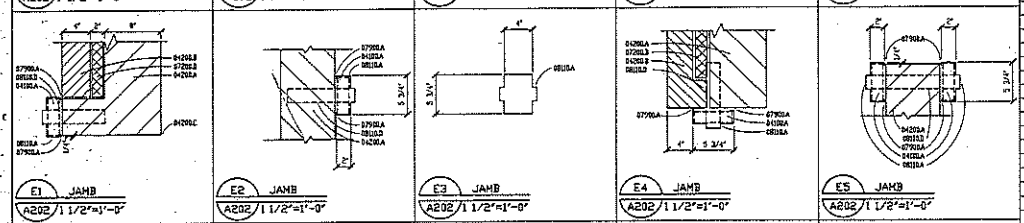
SHEET: A201
IDENTIFICATION NO.: PROJECT: 5402 STATE ACCOUNT: 110-47-5189-047

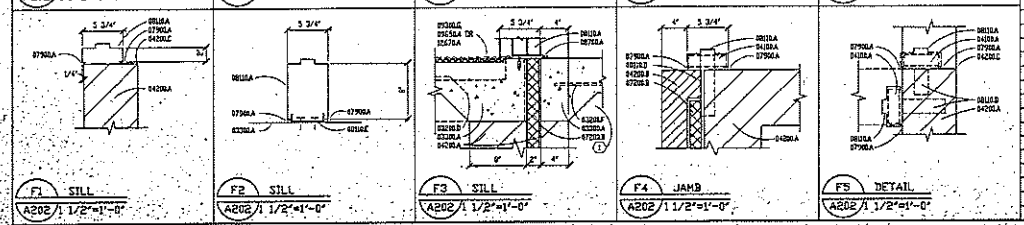












DOOR SCHEDULE

DOOR NO.	DOOR SIZE W x H x T	DOOR TYPE	FRAME TYPE	FRAME DETAILS HEAD	JAMB	SILL	LABEL	UNDERCUT/GRILL	HDWC GROUP	REMARKS
A01-A30	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,ES	----			5	
A31	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
A32	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		4	
A33	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
A34	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
A35	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
A36	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS	----		1" UC	4	
A37	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,C4	----		1" UC	5	
A38	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		10	
A39	3'-0"x7'-0"x1 3/4"	B	F-1	D4	E4,F4	C3			8	INSULATED DOOR
A40	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		4	
B01-B30	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,ES	----			5	
B31	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
B32	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		4	
B33	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
B34	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
B35	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
B36	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS	----		1" UC	4	
B37	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,C4	----		1" UC	5	
B38	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		10	
B39	3'-0"x7'-0"x1 3/4"	B	F-1	D4	E4,F4	C3			8	INSULATED DOOR
C01-C30	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,ES	----			5	
C31	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
C32	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,C4	----	B		4	
C33	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
C34	3'-0"x6'-9"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
C35	3'-0"x6'-9"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
C36	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS	----		1" UC	4	
C37	3'-0"x6'-9"x1 3/4"	C	F-1	CS	DS,C4	----		1" UC	5	
C38	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,C4	----	B		10	
D01-D30	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,ES	----			5	
D31	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
D32	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,C4	----	B		4	
D33	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,FS	----	B		11	
D34	3'-0"x6'-9"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
D35	3'-0"x6'-9"x1 3/4"	C	F-1	CS	DS,ES	----		18x8	12	
D36	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS	----		1" UC	4	
D37	3'-0"x6'-9"x1 3/4"	C	F-1	CS	DS,C4	----		1" UC	5	
D38	3'-0"x6'-9"x1 3/4"	B	F-1	CS	DS,C4	----	B		10	
E01, E02	3'-0"x7'-0"x1 3/4"	C	F-4	CS	D3,E3	F3			1	INSULATED DOOR
E03	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,C4	----			2	
E04, E05	3'-0"x7'-0"x1 3/4"	C	F-4	CS	DS,E3	----			3	
E06	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,FS	----			4	
E07	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,ES	----		12x8	5	
E08	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,ES	----		12x8	5	
E09	3'-0"x7'-0"x1 3/4"	A	F-1	CS	C4,E2	----			4	
E10	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS	----			5	
E11	3'-0"x7'-0"x1 3/4"	C	F-2	CS	B2,C2,E2	----			6	
E12	3'-0"x7'-0"x1 3/4"	C	F-1	CS	D2,DS	----		1" UC	9	
E13	3'-0"x7'-0"x1 3/4"	C	F-1	CS	DS,C4	----			2	
E14	3'-0"x7'-0"x1 3/4"	A	F-1	CS	C4,DS	----		1" UC	7	
E15	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,ES	----		1" UC	7	
E16	3'-0"x7'-0"x1 3/4"	C	F-2	CS	E2,C2,E3	----		24x8	6	
E17	3'-0"x7'-0"x1 3/4"	C	F-1	D4	E4	C3			8	INSULATED DOOR
E18	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,E2	----			4	
E19	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----		1" UC	24	SECURITY DOOR
E20	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS	----			4	
E21	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,D2	----		1" UC	24	SECURITY DOOR
F01	3'-0"x7'-0"x1 3/4"	C	F-1	D4	E4	C3			13	INSULATED DOOR
F02	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS	----		18x8	14	
F03	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,ES	----	B	3/4" UC	4	
F04	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,ES	----		1" UC	7	
F05	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,E2	----	B		17	
F06	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		2	
F07	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		4	
F08	NOT USED IN THIS PROJECT									
F09	NOT USED IN THIS PROJECT									
F10	3'-8"x7'-0"x1 3/4"	B	F-1	CS	DS	----	B		2	
F11	3'-8"x7'-0"x1 3/4"	A	F-1	CS	DS,D2	----	B		2	
F12	3'-8"x7'-0"x1 3/4"	B	F-1	CS	C4,DS	----	B		2	
F13	3'-8"x7'-0"x1 3/4"	C	F-1	D4	E4	C3			8	INSULATED DOOR
F14	3'-0"x7'-8"x1 3/4"	B	F-1	CS	DS	----	B		15	
F15	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,E2	----		1" UC	21	
F16	3'-0"x7'-0"x1 3/4"	C	F-1	CS	D2,DS	----		1" UC	5	
F17	3'-6"x7'-0"x1 3/4"	C	F-3	CS	CLC2	F2			16	
F18	3'-6"x7'-0"x1 3/4"	C	F-3	CS	DLC2	F2,F3			20	INSULATED DOOR
F19	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS,E2	----	B	3/4" UC	4	
F20	3'-8"x7'-0"x1 3/4"	B	F-1	CS	DS,C4	----	B		19	
F21	3'-6"x7'-0"x1 3/4"	C	F-3	CS	DLE1	F2,F3			18	INSULATED DOOR
F22	3'-0"x7'-0"x1 3/4"	B	F-1	CS	DS	----	B		4	
F23	3'-8"x7'-0"x1 3/4"	B	F-1	CS	DS,E2	----	B		17	
F24	3'-8"x7'-0"x1 3/4"	B	F-1	CS	DS	----	B		4	
F25	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS	----		18x8	14	
F26	3'-0"x7'-0"x1 3/4"	A	F-1	CS	DS,C4	----	B		4	
F27	3'-0"x7'-0"x1 3/4"	C	F-1	D4	E4	C3			13	INSULATED DOOR
F28	3'-6"x7'-0"x1 3/4"	D	*	*	*	*			23	*-SHARES THE SAME FRAME AS F18

KEYED NOTES

- 03200LB VELCRO WIRE FABRIC
- 03300LE 24 BARS TOP AND BOTTOM EXTEND 6" INTO MASONRY AT EACH SIDE OF WALL
- 03300LF #4 BARS CONTINUOUS @ 18" O.C. EACH WAY
- 03300LH REINFORCED CONCRETE SLAB ON GRADE
- 03300LP EXPANSION JOINT
- 03301LP CONCRETE SILL
- 03305LE SLOPE
- 04100LA MORTAR FILL FRAMES
- 04200LA CONCRETE MASONRY UNIT
- 04200LB FACE BRICK
- 04200LC GROUT ALL EXPOSED CMU CORNERS TO 1/4" R.
- 04200LI FLASHING
- 04200LJ WEEP HOLES
- 04200LLC CONCRETE MASONRY UNIT LINTEL
- 07210LB RIGID INSULATION
- 07500LA CAULKING AT ALL LOCATIONS WHERE HOLLOW METAL FRAMES MEET MASONRY, CONCRETE OR STEEL
- 08110LA HOLLOW METAL FRAME
- 08110LB HOLLOW METAL DOOR
- 08110LD MASONRY "T" ANCHORS
- 08110LE FLOOR ANCHOR
- 08110LF GLAZING STOP
- 08200LB KICK PLATE
- 08350LC SCREEN GUARD
- 08710LA THRESHOLD
- 08710LB DOOR GRILL PER SCHEDULE
- 08800LE EXCELENT GLAZING SHALL BE 1/4" TEMPERED PLATE GLASS
- 08800LF DOOR GLAZING PANELS SHALL BE 1/4" TEMPERED PLATE GLASS EXCEPT THAT LABELED DOORS SHALL HAVE 1/4" WIRE GLASS AND SECURITY DOORS SHALL HAVE LAN GLASS
- 09300LE QUARRY TILE (IN MORTAR BED)
- 09630LA VINYL COMPOSITION TILE
- 12670LA VINYL MAT IN FRAME

GENERAL NOTES

1. LOOSE SAND FILL
30. RIGID INSULATION & SUSPENDED PLASTER CEILING @ EXT. WALLS

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

NELSON ASSOCIATES ARCHITECTS 200 S. STATE ST. ANN ARBOR, MICHIGAN 48104 313-994-2000 FAX

BLOMQUIST

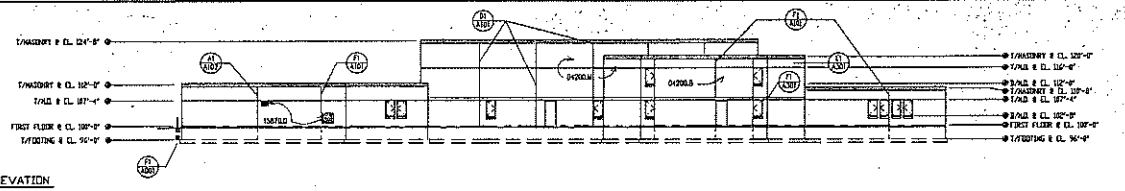
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED BY: DATE:
DRAWN: JJ
CHECKED: JJ
APPROVED: JJ

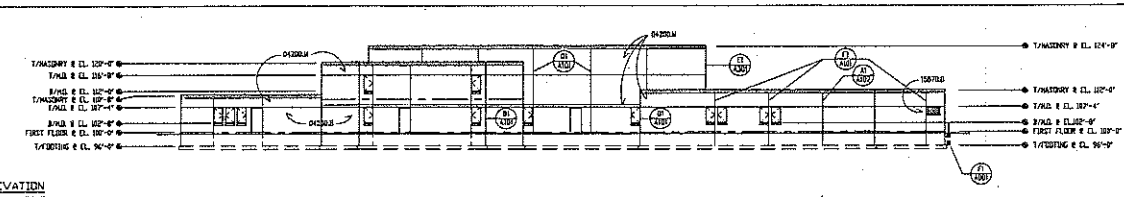
ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL ACCESS ☐

SHEET: A202

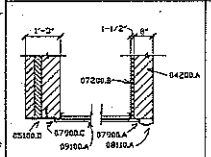
DESCRIPTION NO. / PROJECT: 5402 / STATE ACCOUNT: 1(10-47-5199-047)



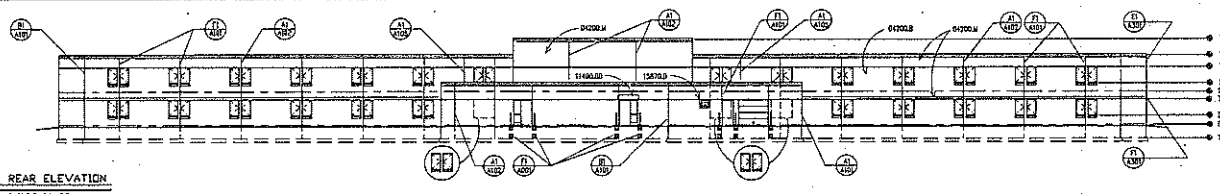
A2 RIGHT SIDE ELEVATION
A301 1/16"=1'-0"



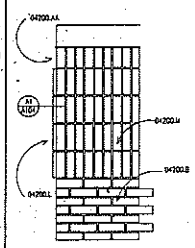
B2 LEFT SIDE ELEVATION
A301 1/16"=1'-0"



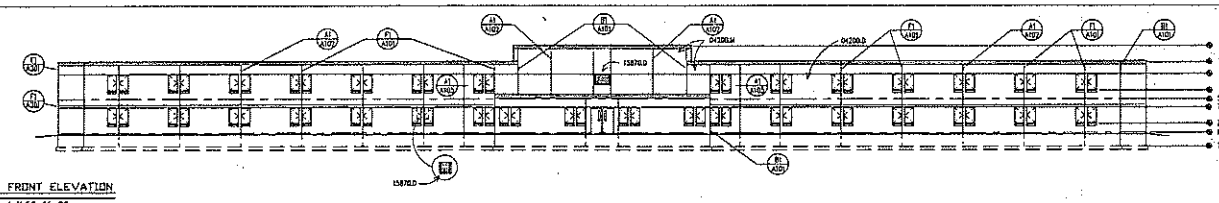
C1 CEILING DETAIL
A301 1/2"=1'-0"



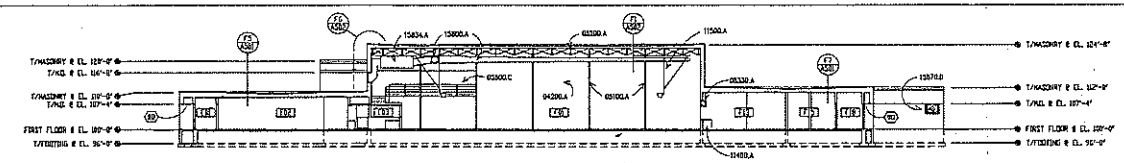
C2 REAR ELEVATION
A301 1/16"=1'-0"



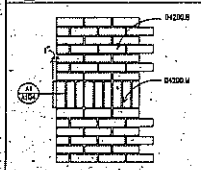
E1 ELEVATION DETAIL
A301 3/4"=1'-0"



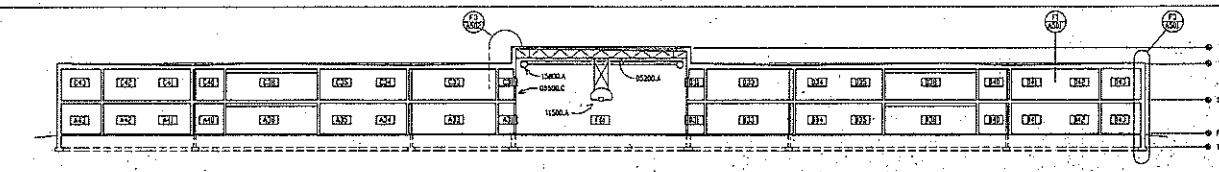
D2 FRONT ELEVATION
A301 1/16"=1'-0"



E2 BUILDING SECTION
A301 1/16"=1'-0"



F1 ELEVATION DETAIL
A301 3/4"=1'-0"



F2 BUILDING SECTION
A301 1/16"=1'-0"

KEYED NOTES

04200.A CONCRETE MASONRY UNIT
04200.B FACE BRICK
04200.L SOLID BRICK BLOCKOUT COURSE
04200.M SOLDIER COURSE
04200.AA MITER CORNER

05100.A STEEL STAIRWAY ASSEMBLY
05100.D STEEL LINTEL PER SCHEDULE
05200.A STEEL JOIST
05500.C 1-1/2" O.D. STEEL PIPE RAILING

07200.B RIGID INSULATION
07900.A CAULKING AT ALL LOCATIONS WHERE HOLLOW METAL FRAMES MEET MASONRY, CONCRETE OR STEEL

08110.A HOLLOW METAL FRAME
08330.A ROLL UP DOOR ASSEMBLY

09100.A SUSPENDED PLASTER CEILING

11400.A FOOD SERVICE EQUIPMENT ITEM
11400.DD AIR CURTAIN BLOWER UNIT
11500.A BACKBOARD AND GOAL

15800.A DIAL-THERMOSTATS
15834.A AIR HANDLING UNITS
15870.D MECHANICAL LOUVER/OPENING-VERIFY SIZE & LOCATION WITH MECHANICAL DRAWINGS

GENERAL NOTES

(102) R300 INSULATION AND SUSPENDED PLASTER CEILING AT EXTERIOR DOORS. DETAIL C1/A301

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
NW 5 STEVENSON, N.W. MOUNTAIN HOUSE 4801 906-774-7102 FAX

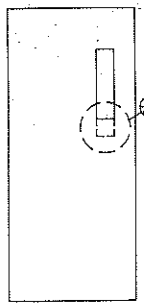
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: N.B. | DATE:
DRAWN: G.B. | DATE:
CHECKED: J.B. | DATE:
APPROVED: J.B. | DATE:

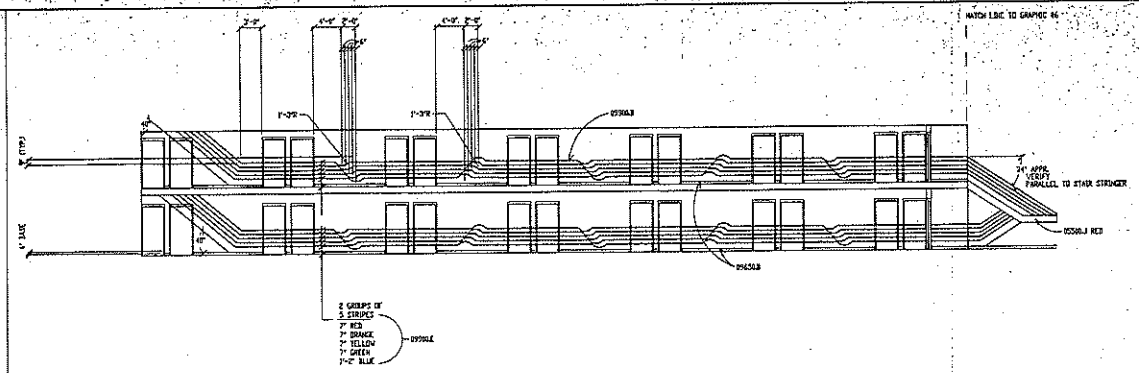
ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☐
FINAL RECORD ☐

SHEET: A301
BY IDENTIFICATION NO.: 1
PROJECT: 75102
STATE ACCOUNT: 110-477-5199-047

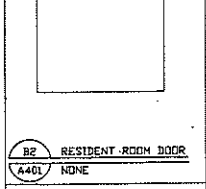
PLOT DATE: 7/6/98
FILE NAME:



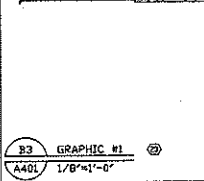
B2 RESIDENT ROOM DOOR
A401 NONE



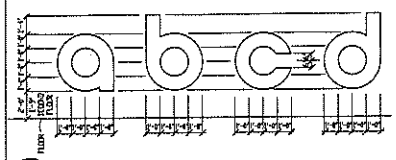
B3 GRAPHIC #1
A401 1/8"=1'-0"



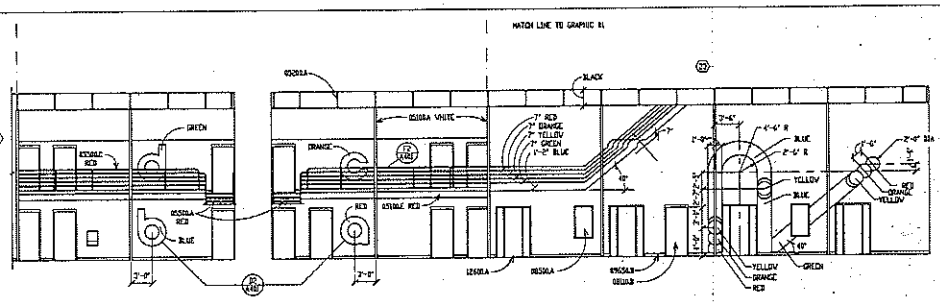
C2 DOOR GRAPHICS
A401 NONE



C3 DOOR GRAPHICS
A401 NONE



D2 WING GRAPHICS
A401 1/4"=1'-0"



D4 GRAPHICS #6
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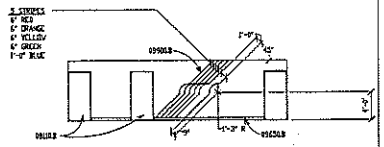
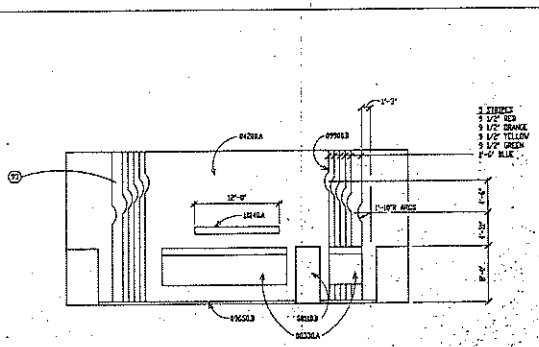
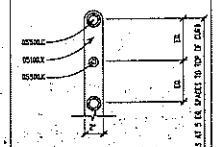


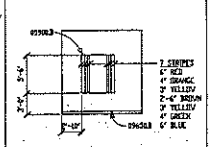
E4 GRAPHICS #2
A401 1/8"=1'-0"



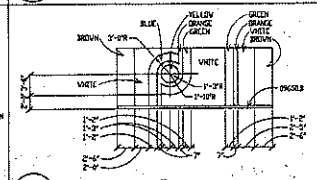
F7 GRAPHICS #7
A401 1/8"=1'-0"



F2 RAILING DETAIL
A401 2"=1'-0"



F3 GRAPHICS #4
A401 1/8"=1'-0"



F4 GRAPHICS #3
A401 1/8"=1'-0"

KEYED NOTES

04200A	CONCRETE MASONRY UNIT
05100A	STEEL COLUMN ASSEMBLY
05120A	STEEL BEAM PER SCHEDULE
05180A	3/8" CONNECTION PLATE
05500A	STEEL JOIST
05520A	CONCRETE FILLED STEEL PAN TREAD
05520LC	1 1/2" DIA STEEL PIPE RAILING
05520LJ	STEEL CHANNEL STAIR STRINGER BOLTED TO WALL
05520LK	BOLT TO WALL, WELD TO STEEL COLUMN
08110B	HOLLOW METAL DOOR
08270A	ROLL UP DOOR ASSEMBLY
08350A	ALUMINUM WINDOWS
09650B	VINYL BASE
09900B	INTERIOR PAINTED GRAPHICS
09900LF	PAINT COLORS
09900LF	PAINTED ROOM NUMBERS GRAPHIC
10140A	PROJECTION SCREEN
12420A	BUILT-IN TABLE ASSEMBLIES

GENERAL NOTES

(22) MAY BE REVERSED TO OPPOSITE HAND, SEE FLOOR PLAN.

(23) SIMILAR TO DETAIL AT RIGHT

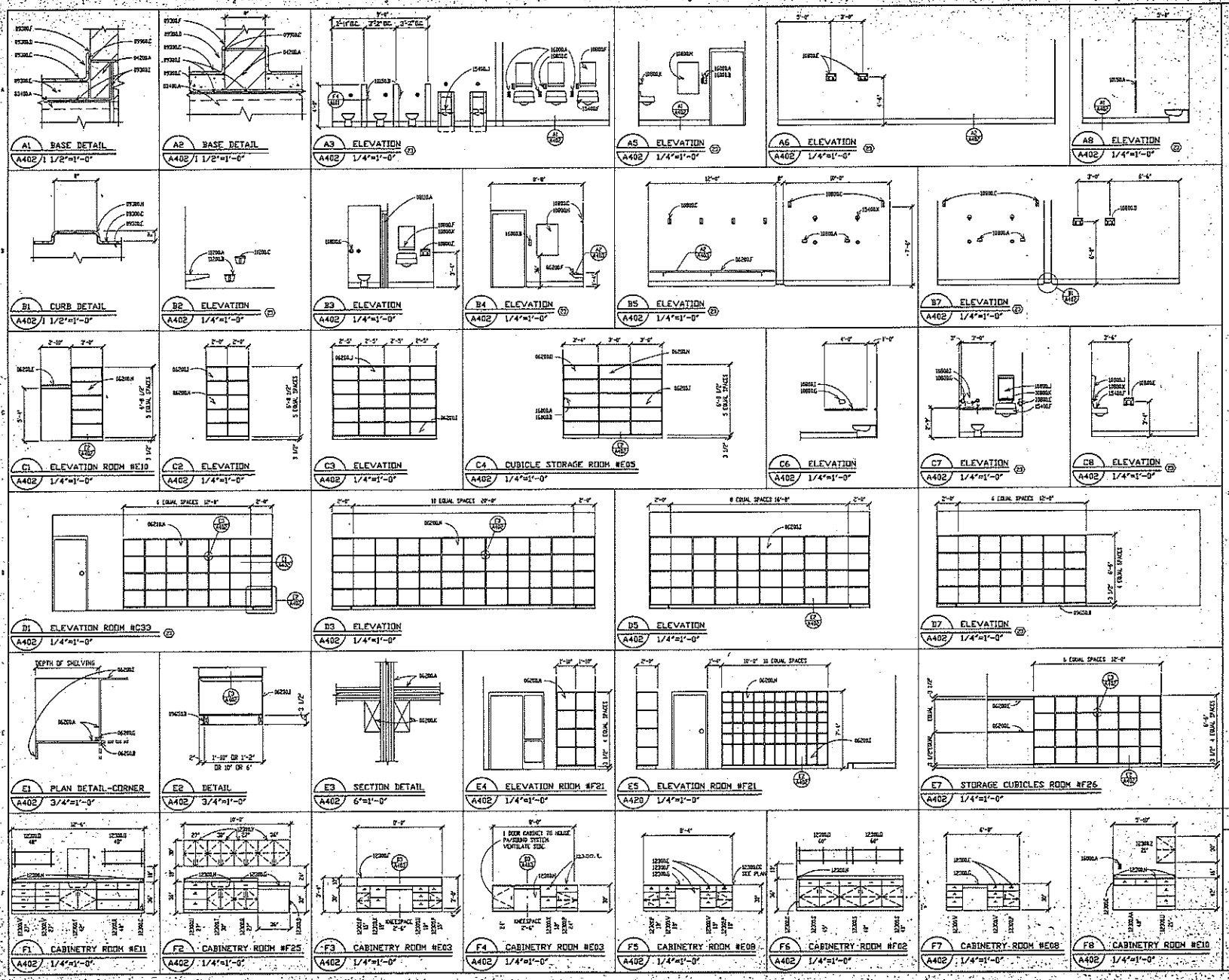
REVISIONS:

State of Michigan DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS 200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-3000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY for: MICHIGAN DEPARTMENT OF CORRECTIONS location: IRON COUNTY, MICHIGAN

SHEET	A401	DESIGNED: AJD	ISSUED FOR / DATE
RESTRICTION NO.		DRAWN: AJD	PRELIMINARY ☐
PROJECT: 5402		CHECKED: 7/16/03	CONSTRUCTION ☒
STATE ACCOUNT: 110-47-5199-047		APPROVED: JB	FINAL RECORD ☐



KEYED NOTES

0200LA	EXTEND TOP OF WATERPROOFING MEMBRANE ABOVE TOP OF MORTAR BED BY 1/2"
0240LA	PRECAST CONCRETE-HOLLOW CORE SLAB
0420LA	CONCRETE MASONRY UNIT
0620LA	5/8" PLYWOOD SHELVING MATERIAL
0620LB	3/8"-5/8" MARGINED EDGE GLUED AND NAILED IN PLACE
0620LC	POLE & SHELF
0620LD	BENCH SEAT
0620LE	HOOKS
0620LF	3/4" BACK PANEL SCREWED AND GLUED
0620LG	24" DEEP CUBICLE SHELVING UNIT
0620LH	1x2 CLEAT SCREWED & GLUED
0620LI	POLE
0620LJ	20" DEEP CUBICLE SHELVING UNIT
0620LK	12" DEEP CUBICLE SHELVING UNIT
0620LL	8" DEEP CUBICLE SHELVING UNIT
0810LA	HOLLOW METAL FRAME
0930LC	CERAMIC TILE
0930LD	CERAMIC TILE BASE
0930LE	MORTAR BED SLOPED TO DRAIN
0930LF	CAULK
0930LG	CERAMIC TILE TRIM
0930LI	WATERPROOFING MEMBRANE WITH PROTECTION BOARD UNDER ALL 2ND FLOOR CERAMIC TILE FLOORS
0960LB	VINYL BASE
0990LC	HS APPLIED FINISH ON MASONRY BEHIND VINYL OR TILE BASE
1010LA	TOILET COMPARTMENTS
1060LA	SOAP TRAYS
1060LC	ROBE HOOKS
1060LD	HAIR DRYERS
1060LE	HAND DRYERS
1060LF	MIRROR 18"x24"H
1060LG	TOILET TISSUE HOLDER
1060LH	MIRROR 24"x36"H
1060LI	GRAB BARS
1060LJ	TILT MIRROR
1060LK	UTILITY SHELF
1120LA	SINK
1120LB	TABLE
1120LC	BENCH
1230LC	FILLER
1230LD	SIDE PANEL
1230LE	CYLINDER LOCKS (TYPICAL EQUIPMENT)
1230LF	FINISHED BACK PANEL REQUIRED
1230LG	COUNTER TOPS
1230LH	REMOVABLE BACK PANEL
1230LI	WOOD CASE WITH PLASTIC LAMINATE ON ALL EXPOSED SURFACES
1230LJ	"ROLLER" LATCH
1230LK	4" BACK & SIDE SPLASHES REQUIRED WHERE TOP MEETS WALL
1230LL	WALL MOUNTED SHELVING
1230LM	BASE SINGLE DOOR/DRAWER CABINET
1230LN	BASE DOUBLE DOOR/SINGLE DRAWER CABINET
1230LO	BASE NO DOORS/DOUBLE DRAWER CABINET
1230LP	BASE DOUBLE DOOR/DOUBLE DRAWER CABINET
1230LQ	BASE SINK CABINET
1230LR	BASE 3 DRAWER CABINET
1230LS	BASE 4 DRAWER CABINET
1230LT	BASE 3 DRAWER FILE CABINET
1230LU	BASE 2 DRAWER FILE CABINET
1230LV	WALL DOUBLE DOOR CABINET
1230LZ	WALL SINGLE DOOR CABINET
1230AA	BASE 2 DRAWER OVER SPACE
1230CC	DATE ASSEMBLY SIMILAR TO THAT SHOWN IN DETAIL EE/A402 W/1 3/4" SIDE PANEL
1540LF	LAVATORIES
1540LJ	WALL MOUNT SIGNALS ON 2ND FLOOR
1540LK	SHOWER HEAD
1600LA	DUPLEX RECEPTACLES
1600LB	SWITCHES

GENERAL NOTES

(22) MAY BE REVERSED TO OPPOSITE HAND. SEE FLOOR PLANS

REVISIONS:

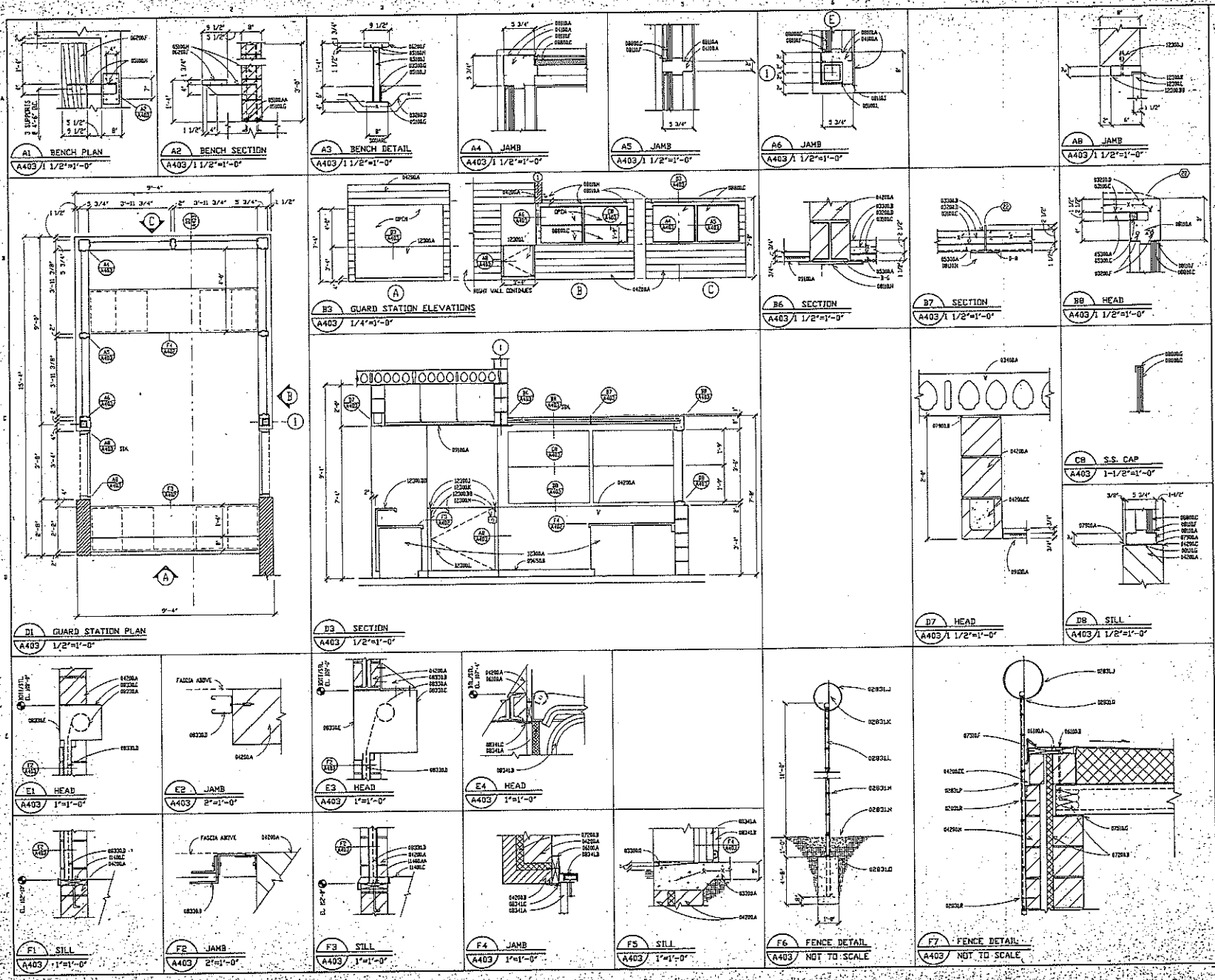
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
205 E. STEVENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7100 ALL

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: K.A.	DATE:	ISSUED FOR:	
DRAWN: J.B.		PRELIMINARY	☐
CHECKED: J.B.		CONSTRUCTION	☒
APPROVED: J.B.		FINAL RECORD	☐

NOTIFICATION NO.	5402
PROJECT	
STATE ACCOUNT	110-47-5189-047
SHEET	A402



KEYED NOTES

02830LJ	30" ø CONCERTINA WIRE FASTENER TO FIBERGLASS ROD AND TOP RAIL OF FENCE W/WIRE TIES @ 12" O.C.
02831LK	3/8" ø x 48" FIBERGLASS ROD ATTACHED TO EACH LINE POST W/8 STEEL CLAMPS
02831LL	2"-9GA. CHAIN LINK FABRIC FULL HEIGHT OF FENCE AND BURIED 1' BELOW GRADE
02831LM	VOR TIES @ 12" O.C.
02831LN	CRUSHED LIMESTONE OR DOLOMITE AGGREGATE COMPACTED TO A DEPTH OF 4"
02831LO	TOP OF FOOTING IS 1' BELOW FINISHED GRADE
02832LP	WALL STANDARDS @ 10'-0" O.C. FRONT WALL ONLY
02832LQ	HORIZONTAL RAIL SAME ELEVATION AS ADJACENT FENCE
02832LR	ANCHOR TO WALL AS SPECIFIED
03200LC	1/2" TEMPERED MAGNESITE PERMANENT FORM OVER METAL DECK
03200LF	WELDED WIRE FABRIC
03200LF	#4 BAR CONTINUOUS
03200LA	REINFORCED CONCRETE SLAB ON GRADE
03300LB	REINFORCED CONCRETE TOPPING SLAB
03300LG	NON-SHRINKING GROUT
03400LA	PRECAST CONCRETE-HOLLOW CORE SLAB
04100LA	MORTAR FILL FRAMES
04200LA	CONCRETE MASONRY UNIT
04200LB	FACE BRICK
04200LC	GROUT ALL EXPOSED CMU CORNERS TO 1/4" R
04200LD	SOLDIER COURSE
04200LE	CMU LINTEL
04200LF	SLIPPED HEAD JOINT
05100LC	1/4" PLATE
05100LF	1/4" ANGLE
05100LJ	2" PIPE SUPPORT
05100LL	2" PIPE SLEEVE
05200LC	TUBE COLUMN PER SCHEDULE
05200LA	1/2" HSA ANCHOR BOLTS
05300LA	STEEL DECK
05300LC	CORRUGATED DECKING PLUG
06100LA	TREATED WOOD BLOCKING
06100LB	1/2" HSA ANCHOR BOLT @ 4'-0" O.C. STAGG
06200LF	BENCH SEAT
07200LB	SPACE INSULATION
07510LF	FASCIA
07550LC	CAULKING
07900LA	CAULKING AT ALL LOCATIONS WHERE HOLLOW METAL FRAMES MEET MASONRY CONCRETE OR STEEL
08100LA	HOLLOW METAL FRAME
08100LF	GLAZING STOP
08100LG	SECURELY ANCHOR FRAME TO MASONRY
08100LH	NOTCH TOP OF HOLLOW METAL FRAME TO COPE ANCHOR BEAM
08300LA	ROLL UP DOOR ASSEMBLY
08300LB	SUPPORT 1 SECURE AS REQUIRED
08300LC	DOOR HOUSING
08300LD	DOOR JAMB TRACK
08300LE	MOUNTING FASCIA
08341LA	GARAGE DOOR
08341LB	TRACK
08341LC	WEATHERSTRIPPING
08800LC	LAMINATED GLASS
08800LG	1"x4" STAINLESS STEEL CHANNEL CONTINUOUSLY SECURED OVER TOP EDGE OF LAMINATED GLASS
09500LA	SUSPENDED PLASTER CEILING
09650LB	VINYL BASE
11400LC	TABLE TOP
11400LAA	TRAY SLIDE
12200LA	CABINETRY
12300LJ	VOED JAMB WITH PLASTIC LAM ON ALL EXPOSED SURFACES
12300LJ	ANCHORED AS REQUIRED
12300LK	CONTINUOUS "FRANCE" HINGE
12300LL	VOED GATE WITH PLASTIC LAMINATE ON ALL EXPOSED SURFACES
12300LN	"YELLOW" LATCH
12300LB	1 3/4" THICK GATE W/PLASTIC LAM. ALL SURFACES
12300LDD	18" OVERSHOLD

GENERAL NOTES

(22) TAPER ENDS OF TOP VCB

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-1000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

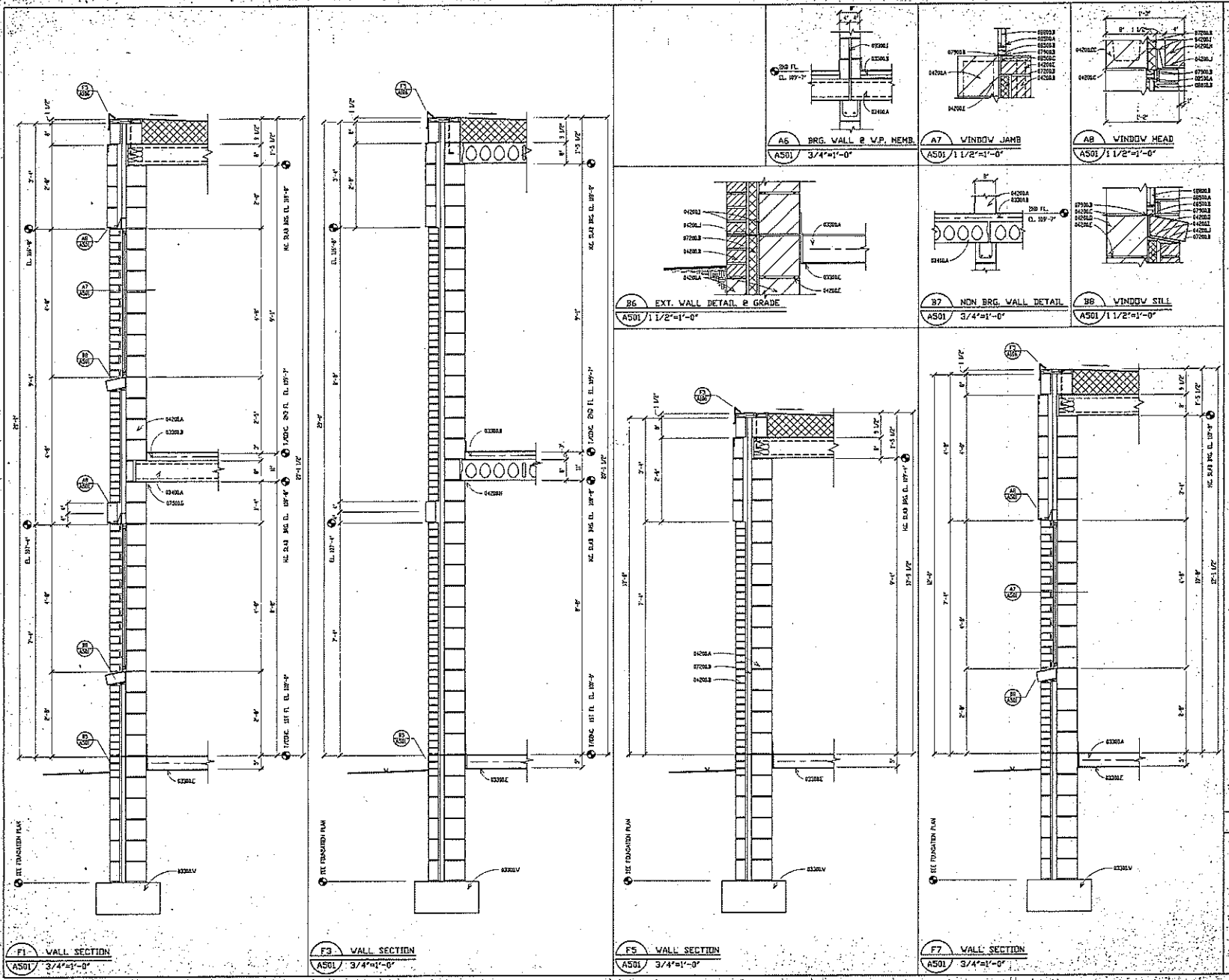
DESIGNED: RJF
DRAWN: JD
CHECKED: JJ
APPROVED: JD
DATE: 7/12/89

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO.: PROJECT: 5402 STATE ACCOUNT: 110-47-5199-047

SHEET: A403

PLOT DATE
FILENAME



KEYED NOTES

03300A REINFORCED CONCRETE SLAB ON GRADE
03300B REINFORCED CONCRETE TOPPING SLAB ON GRADE
03300J MOISTURE BARRIER UNDER ALL INTERIOR SLABS ON GRADE
03300LV CONCRETE FILLING
03400A PRECAST CONCRETE HOLLOW CORE SLAB

04200A CONCRETE MASONRY UNIT
04200B FACE BRICK
04200C GROUT ALL EXPOSED CMU CORNERS TO 1/4"R
04200E MASONRY WALL REINFORCING & HORIZ. VENT. ALL WALLS
04200H GROUT TIGHT TO PRECAST AFTER ALL DEAD LOADS HAVE BEEN APPLIED AND BEFORE MAJOR LIVE LOADS ARE APPLIED
04200J FLASHING
04200J VENT HOLES
04200M SOLDIER COURSE
04200N SOLID CMU
04200O ROWLOCK BRICK SILL
04200LC CONCRETE MASONRY UNIT LINTEL

07200B RIGID INSULATION
07500C CAULKING
07500B BACKING ROD & CAULKING

08500A ALUMINUM WINDOWS
08500B SHIM AND P.V.C. STARTER
08500C ANCHOR
08500B INSULATING GLASS

09300B1 WATERPROOFING MEMBRANE WITH PROTECTION BOARD UNDER ALL 2ND FLOOR CERAMIC TILE FLOORS

GENERAL NOTES

REVISIONS:

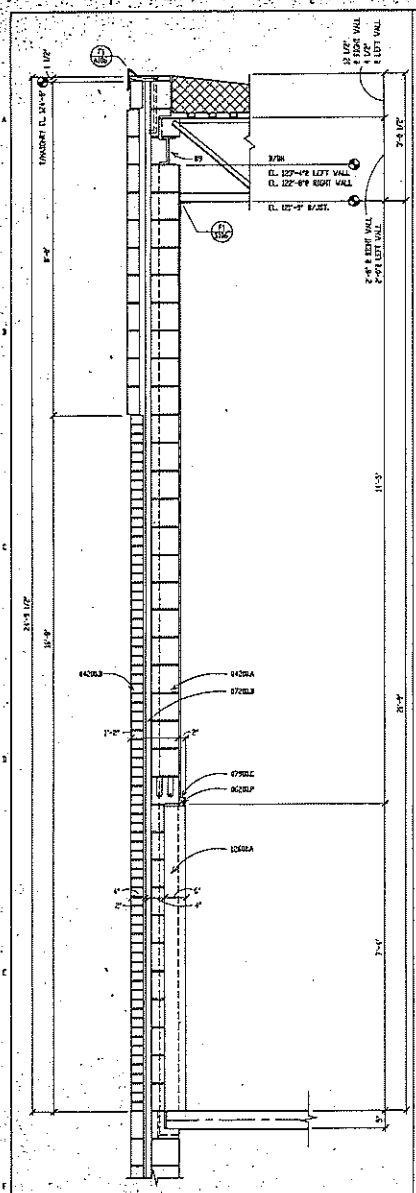
STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

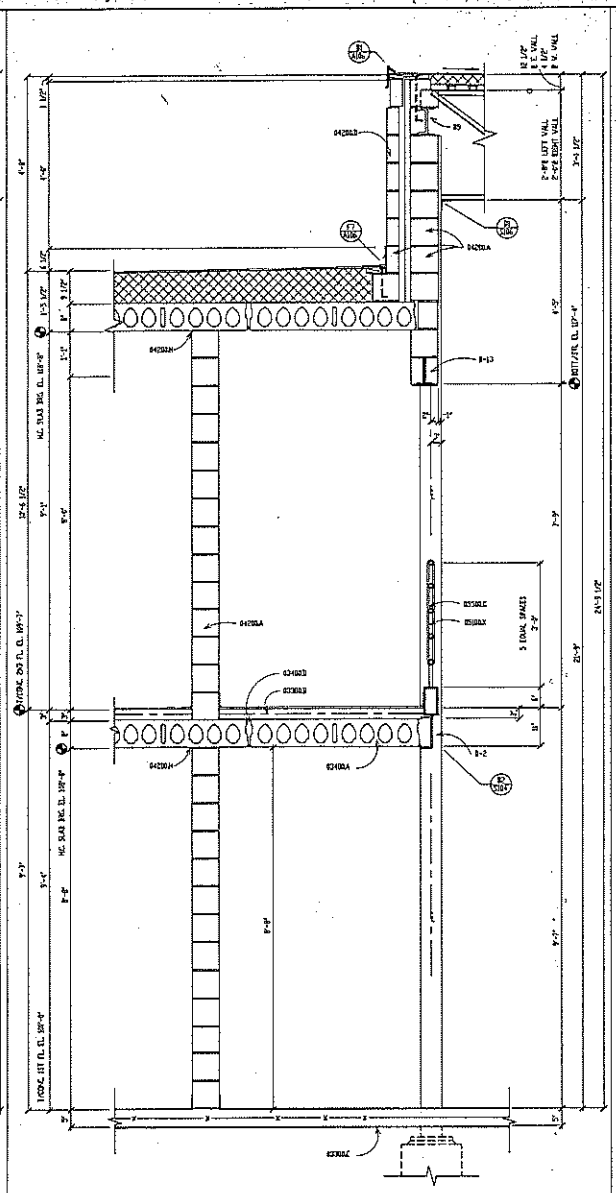
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

SHEET	IDENTIFICATION NO.	ISSUED FOR:	DATE	DESIGNED: N.B.	DRAWN: J.D.	CHECKED: J.E.	APPROVED: J.E.
A501	PROJECT: 5402 STATE ACCOUNT: 110-47-5199-047	PRELIMINARY: ☐ CONSTRUCTION: ☒ FINAL RECORD: ☐	7/24/03				

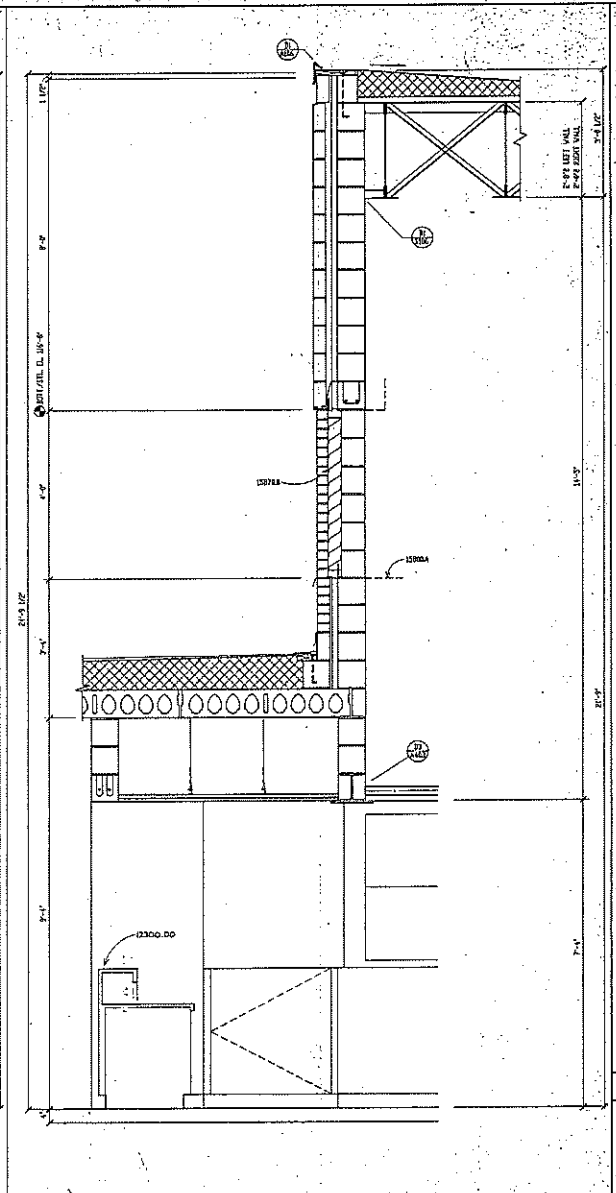
ALT. DATE
RELEASE



F1 WALL SECTION
A502 3/4"=1'-0"



F3 WALL SECTION
A502 3/4"=1'-0"



F6 WALL SECTION
A502 3/4"=1'-0"

KEYED NOTES

03300A - REINFORCED CONCRETE TOPPING SLAB ON GRADE
03300C - MOISTURE BARRIER UNDER ALL INTERIOR SLABS ON GRADE
03400A - PRECAST CONCRETE-HOLLOW CORE SLAB
03400B - CAULK AND GROUT JOINT

04200A - CONCRETE MASONRY UNIT
04200H - GROUT TIGHT TO PRECAST AFTER ALL DEAD LOADS HAVE BEEN APPLIED AND BEFORE MAJOR LIVE LOADS ARE APPLIED
04200J - FACE BRICK

05100A - 3/8" CONNECTING PLATE
05500C - 1-1/2" DIA. STEEL PIPE RAILING

06200P - WOOD BLOCKING 8" REQUIRED

07200A - WALL INSULATION
07900C - CAULKING

08300D - 24" OVERHEAD-U.P.
15095A - BUILT-UP TABLE ASSEMBLY

15500A - DUCTWORK
15878A - LOUVERS

GENERAL NOTES

REVISIONS:

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7500 FAX

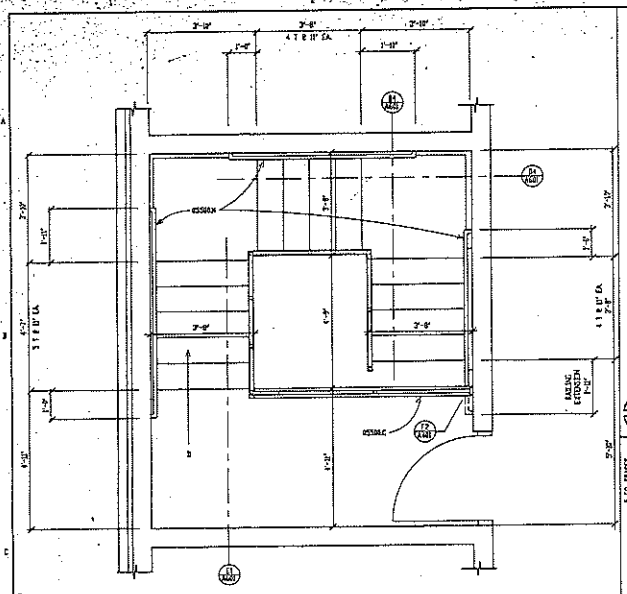
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

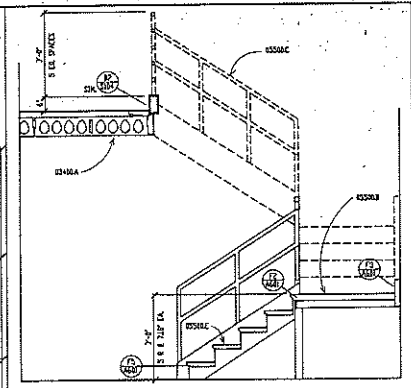
SUBMITTED:	KJ	DATE:	ISSUED FOR:
DRAWN:	JD		
CHECKED:	JD	2/24/89	PRELIMINARY ☐
APPROVED:	JD		CONSTRUCTION ☒
			FINAL RECORD ☐

PROJECT NO. 5402
STATE ACCOUNT NO. 110-47-5199-047

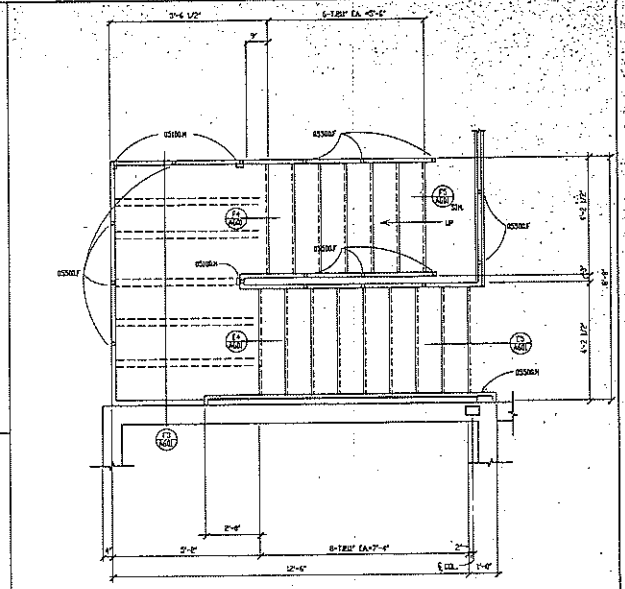
SHEET A502



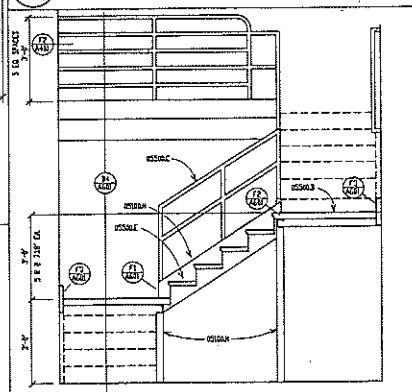
C1 STAIR PLAN
A601 1/2"=1'-0"



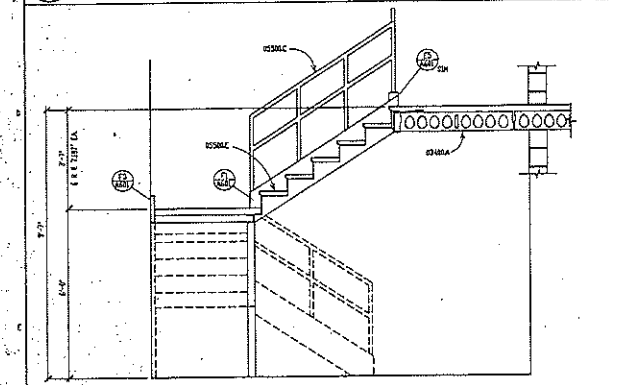
B4 STAIR SECTION
A601 1/2"=1'-0"



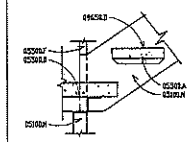
C6 STAIR SECTION
A601 1/2"=1'-0"



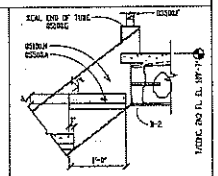
D4 STAIR SECTION
A601 1/2"=1'-0"



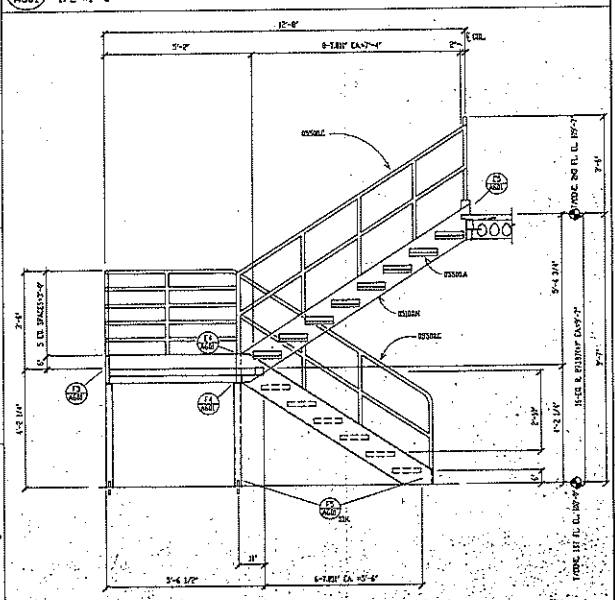
E1 STAIR SECTION
A601 1/2"=1'-0"



E4 STAIR DETAIL
A601 1"=1'-0"



E5 STAIR DETAIL
A601 1"=1'-0"



F6 STAIR SECTION
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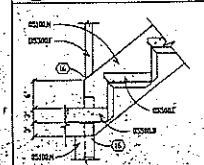

F1 STAIR DETAIL
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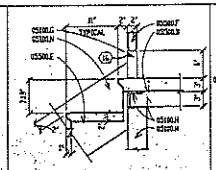
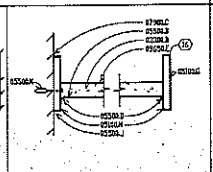
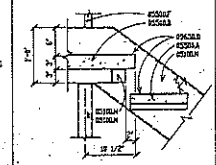


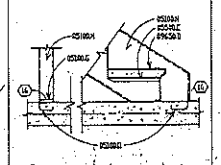
F2 STAIR DETAIL
A601 1"=1'-0"



F3 STAIR DETAIL
A601 1"=1'-0"



F4 STAIR DETAIL
A601 1"=1'-0"



F5 STAIR DETAIL
A601 1"=1'-0"

KEYED NOTES

03400A	PRECAST CONCRETE HOLLOW CORE SLAB
05100G	1/4" PLATE
05100H	1/4" ANGLE
05100M	4x4 TUBE
05100N	CONSULA CHANNEL
05500D	1/4"x2" STEEP CAST INTO SLAB/GROUT
05500J	CONCRETE FILLED STEEL PAN TREAD
05500K	CONCRETE FILLED STEEL PAN LANDING
05500C	1 1/2" DIA. STEEL PIPE RAILING
05500D	CONTINUOUS ANGLE SUPPORT
05500F	CONCRETE FILLED STEEL PAN TREAD W/NOSE
05500F	1 1/2" DIA. STEEL PIPE VERT. HANDRAIL SUPPORT
05500J	STEEL CHANNEL STAIR STRINGER BOLTED TO WALL
05500K	BOLT TO WALL, WELD TO STEEL COLUMN
05500A	1 1/2" DIA. STEEL PIPE RAIL SUPPORTED BY WALL BRACKETS
07500C	CAULKING
09650D	TREAD AND NOSING TYPICAL ALL TREADS
09650E	VINYL COMPOSITION TILE TYPICAL ALL LANDINGS

GENERAL NOTES

1B GRIND ALL WELDS SMOOTH

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
1600 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1000 FAX

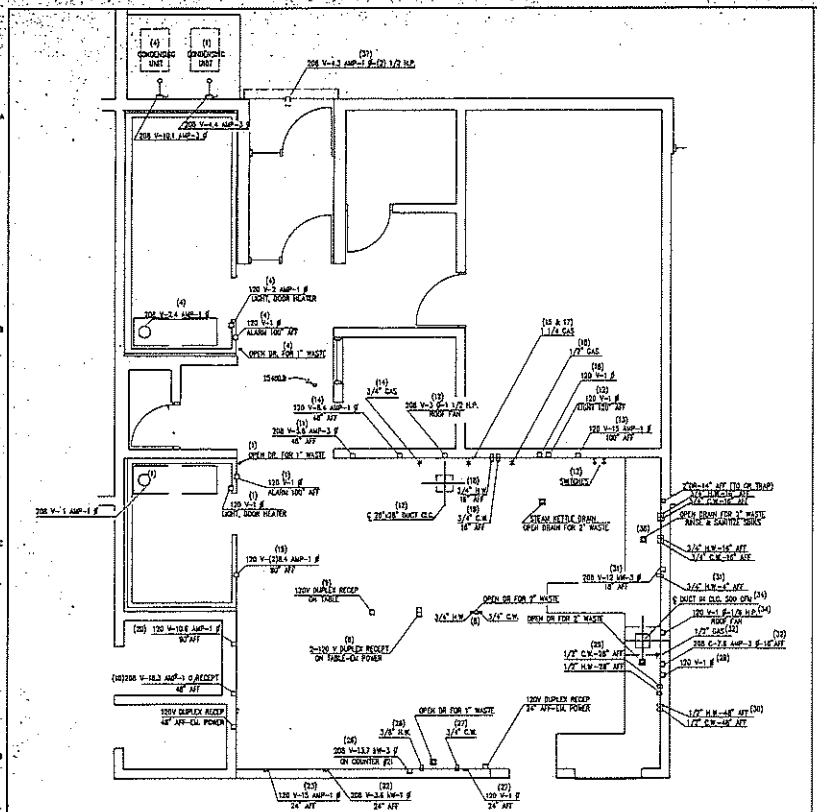
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: KJB
DRAWN: KJB
CHECKED: KJB
APPROVED: RB

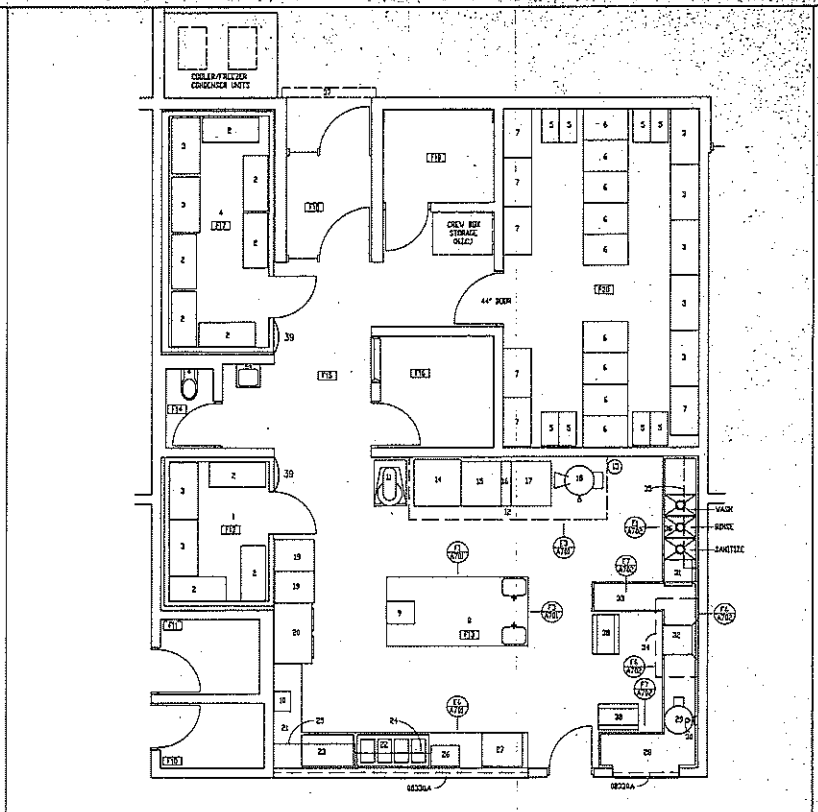
ISSUED FOR: DATE
PRELIMINARY: ☐
CONSTRUCTION: ☒ 12/24/08
FINAL RECORD: ☐

SHEET: A601
REDIRECTION NO.
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047

PLOT DATE: 7/16/2
PLOT NAME:



D1 FOOD SERVICE ROUGH-IN PLAN (49)
A701 1/4"=1'-0"



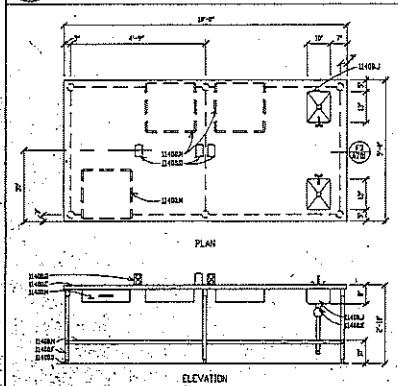
D5 FOOD SERVICE EQUIPMENT PLAN
A701 1/4"=1'-0"

KEYED NOTES

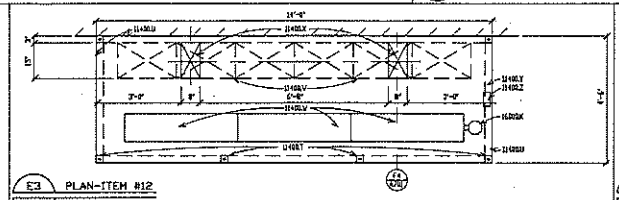
- 08330A - ROLL UP DOOR ASSEMBLY
- 11400LC - TABLE TOP
- 11400LF - TUBULAR LEGS
- 11400LJ - SINK BOWLS
- 11400LK - SINK BRACE
- 11400L - TOP REINFORCING CHANNELS
- 11400LR - DRAWER
- 11400LW - SHELF
- 11400LD - ADJUSTABLE FEET
- 11400LG - RECEPTICAL, PEDESTAL B.S. BOX W/COVER
- 11400LS - EXHAUST HOOD PLENUM/FILTER RACK
- 11400LT - WALL ANCHORS/CEILING SUSPENSION ROD
- 11400LU - SIDE/RACK CURTAIN W/HOOKER EDGE, REINFORCED & ANCHORED @ HOOD, WALL & FLOOR
- 11400LV - GREASE FILTER
- 11400LW - LIGHT FIXTURE
- 11400LX - DUCT WORK TO ROOF TOP FAN
- 11400LY - GREASE/CONDENSATE TRAY
- 11400LZ - REMOVABLE GREASE DIP
- 11400AA - TRAY SLIDE
- 11400AB - GARBAGE ENCLOSURE
- 11400AC - S.S. SIDE APRON
- 15400LB - FLOOR DRAINS
- 16000LK - JANCTION BOX

GENERAL NOTES

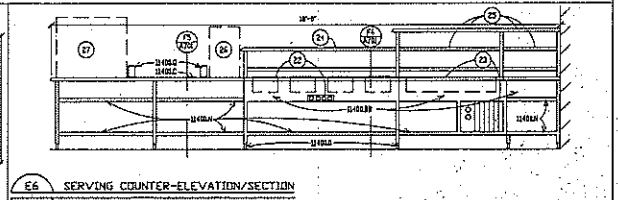
(49) APPROVED SHOP DRAWINGS FROM EQUIPMENT SUPPLIER SHALL GOVERN EXACT ROUGH-IN TYPE & LOCATION



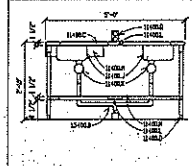
F1 ELEVATION/PLAN-ITEM #8
A701 1/2"=1'-0"



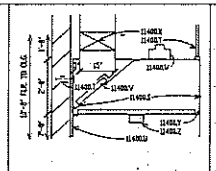
E3 PLAN-ITEM #12
A701 1/2"=1'-0"



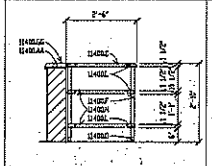
E6 SERVING COUNTER-ELEVATION/SECTION
A701 1/2"=1'-0"



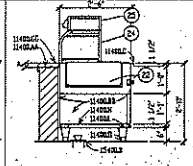
F3 SECTION
A701 1/2"=1'-0"



F4 SECTION
A701 1/2"=1'-0"



F5 SECTION
A701 1/2"=1'-0"



F6 SERVING COUNTER
A701 1/2"=1'-0"

ROOM NAMES

- F10 JANITOR
- F11 STAFF TOILET
- F12 REFRIGERATOR
- F13 KITCHEN
- F14 TOILET
- F15 CORRIDOR
- F16 OFFICE
- F17 FREEZER
- F18 VESTIBULE
- F19 JAN./STOR.
- F20 FOOD STORAGE

REVISIONS:

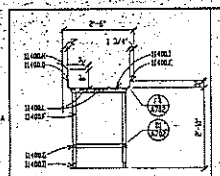
SHEET	DESCRIPTION NO.	ISSUED FOR	DATE	DESIGNED	DRAWN	CHECKED	APPROVED
A701	PROJECT 5402	PRELIMINARY		KJ	AJ	JS	JS
	STATE ACCOUNT # (110-47-5195-042)	CONSTRUCTION	7/14/09				
		FINAL RECORD					

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

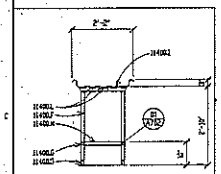
STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE. IRON MOUNTAIN MICHIGAN 49801 906-774-2202 FAX

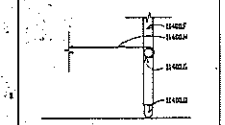
PLOT DATE 7/16/09



A1 SECTION
A702 1/2"=1'-0"



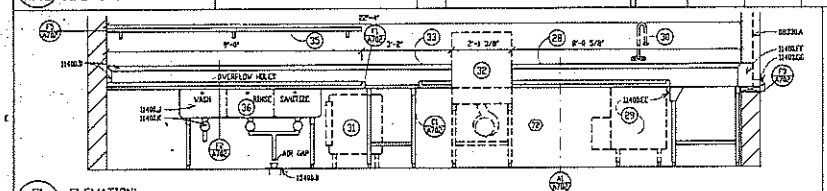
C1 SECTION
A702 1/2"=1'-0"



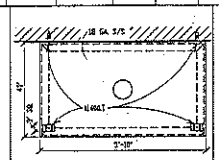
D1 DETAIL
A702 11/2"=1'-0"

KITCHEN EQUIPMENT SCHEDULE & CONNECTIONS

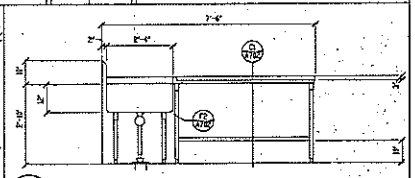
ITEM NO.	DESCRIPTION	PLUMBING H.W.	PLUMBING C.W.	PLUMBING DIR. DR.	PLUMBING IND. DR.	GAS SIZE	GAS BTU/HR.	ELECTRIC WATTS	ELECTRIC HP	ELECTRIC AMPS	ELECTRIC VOLTS	ELECTRIC PHASE	ELECTRIC TYPE	EXHAUST CFM	EXHAUST SIZE	NOTES
1	WALK-IN COOLER										120	1	DIRECT			LIGHTS, ALARM, & DOOR HEATER
	CONDENSING UNIT								3/4	4.4	208	3	DIRECT			
	COIL				1"					1.0	208	1	DIRECT			
2	COOLER/FREEZER SHELVING															
3	DUNNAGE RACKS															
4	WALK-IN FREEZER										120	1	DIRECT			LIGHTS, ALARM, & DOOR HEATER
	CONDENSING UNIT								2	10.1	208	3	DIRECT			
	DEFROST COIL				1"			2,650		2.4	208	1	DIRECT			
5	BIN STORAGE															
6	CAN STORAGE UNITS															
7	STORAGE SHELVING															
8	COOK'S TABLE		3/4"	3/4"	2"					(2)20 EM	120	1	DIRECT			
9	SLICER								1/4		120	1	CORDSET			
10	CONVEYORIZED TOASTER							3,800		18.3	208	1	CORDSET			
11	MIXER								2	5.8	208	3	DIRECT			
12	COOKING EXHAUST HOOD							240			120	1	DIRECT			ELECT FROM WALL SWITCH FOR LIGHTS
	EXHAUST FAN								1.5		208	3	DIRECT	4600		EXHAUST CONTROL BY F.S.E.C. TWIST TIMER SWITCH
13	FIRE EXTINGUISHING SYSTEM									15	120	1	DIRECT			
14	CONVECTION OVEN					3/4"	70,000		1/2	8.4	120	1	CORDSET			RECEPT. BY ELECTR. CONTR.
15	RANGE W/OVEN					1 1/4"	170,000									W/FLUE RISER
16	SPREADER PLATE															
17	FRY TOP W/OVEN					1 1/4"	130,000									W/FLUE RISER
18	STEAM KETTLE	1/2"	1/2"			1/2"	75,000	300			120	1	DIRECT			ELECT FROM RECESSED BOX
19	MOBILE HOT CABINETS							1,000		8.4	120		CORDSET			
20	REACH-IN REFRIGERATOR							734	1/3	9.4	120	1	CORDSET			
21	SERVING COUNTER															
22	HOT FOOD WELLS GROUP				1"			3,600			208	1	CORDSET			DRAIN TO AIR GAP
23	COLD FOOD PAN								1/4	15	120	1	CORDSET			DRAIN TO AIR GAP
24	FULL FRONT PROTECTOR GUARD															
25	DOUBLE DISPLAY SHELVING															
26	FREEZE DRY COFFEE DISPENSER	3/8"						13,700		38	208	3	CORDSET			RECEPT ON COUNTER #21 BY F.S.E.C.
27	ICE/WATER DISPENSER		1/2"		1"				3/4	20.8	120	1	DIRECT			PROVIDE REQ'D GAP FOR DRAIN
28	DIRTY DISH TABLE															
29	FOOD WASTE SCRAPPER	1/2"	1/2"	2"					1/6		120	1	DIRECT			
30	PRE-RINSE ASSEMBLY	1/2"	1/2"													
31	BOOSTER HEATER	3/4"						12,000			208	3	DIRECT			PLBR RUNS LINE TO ITEM #32
32	DISHWASHER	3/4"			2"	1/2"				7.6	208	3	DIRECT			
33	CLEAN DISH TABLE															
34	DISHWASHER EXHAUST HOOD/FAN								1/6		120	1	DIRECT	500		ONE ELECT CONN. COMPLETE W/FAN, HOOD, DUCT, ETC.
35	WALL SHELVING															
36	POT & PAN SINK	(2) 1/2"	(2) 1/2"	(1) Ø 2"	(2) Ø 2"											PLUMBER RUNS LINE FROM DIR. DR. TO GREASE TRAP
37	AIR CURTAIN								(2) 1/2	6	120	1				
38	TRAY & FLATWARE CART															
39	CONVEX SURVEILLANCE MIRROR															(72)



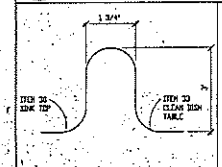
E1 ELEVATION
A702 1/2"=1'-0" (72)



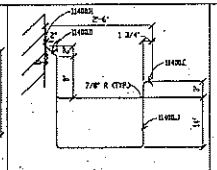
E6 DISHWASHER HOOD PLAN
A702 1/2"=1'-0" (72)



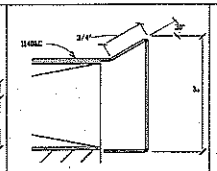
E7 ELEVATION
A702 1/2"=1'-0"



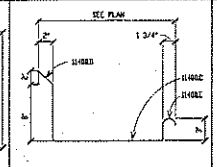
F1 DETAIL
A702 HALF



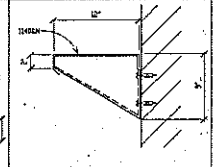
F2 SECTION
A702 3/4"=1'-0"



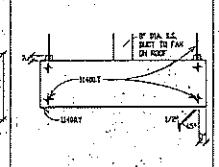
F3 SECTION
A702 FULL



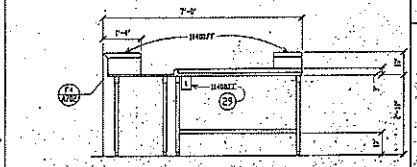
F4 SECTION
A702 1"=1'-0"



F5 SECTION
A702 11/2"=1'-0"



F6 ELEVATION (72)
A702 1/2"=1'-0"



F7 ELEVATION
A702 1/2"=1'-0"

KEYED NOTES

08330A	ROLL UP DOOR ASSEMBLY
11400C	TABLE TOP
11400D	BACK SPLASH
11400E	7/8" R ROLLED EDGE
11400F	TUBING LEGS
11400G	TUBING FRAMING
11400H	SEALANT
11400I	SCUPPERABLE TOPS & DRAIN BOARDS
11400J	SINK BOWLS
11400K	SINK DRAINS
11400L	TOP REINFORCING CHANNELS
11400M	SHELF
11400N	ADJUSTABLE FEET
11400O	WALL ANCHORS/CEILING SUSPENSION ROD
11400P	GREASE/CONDENSATE TRAY
11400QE	S.S. MOUNTING BRACKET FOR ELECTRICAL SWITCH
11400R	EXTEND S.S. BACKSPLASH TO DOOR TRACK
11400UG	S.S. SIDE APRON
15400B	FLOOR DRAINS

GENERAL NOTES

(72) ALL SUPPLY PIPING TO SINKS EXT. TO BE CHROME.
(73) GRIND ALL WELDS SMOOTH.

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000

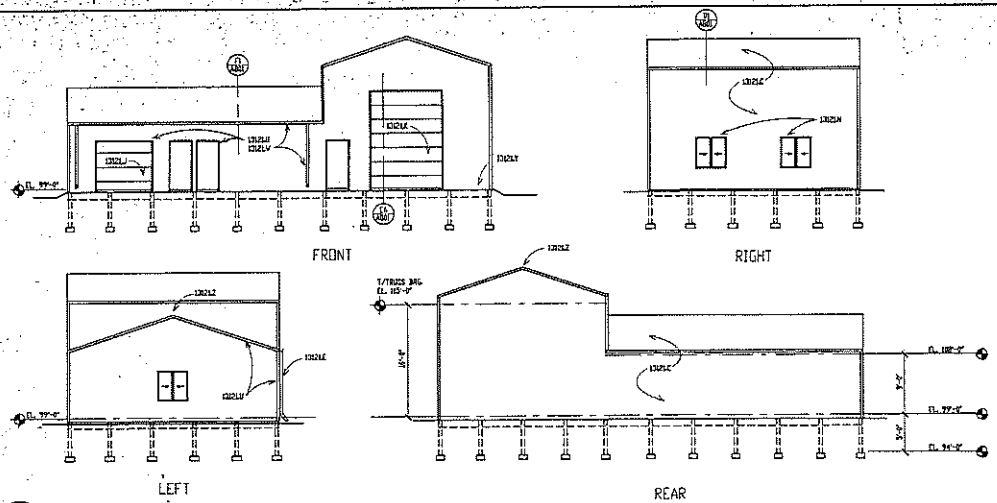
project: ALLEGAN CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: B.D. DATE:
DRAWN: J.P.
CHECKED: B.N.
APPROVED: B.N.

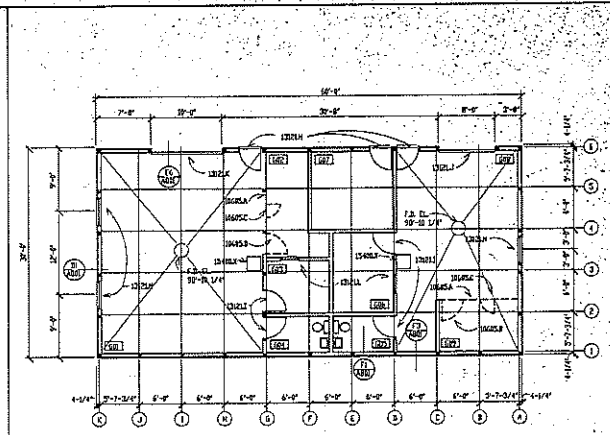
ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☐
TRUE AS-BUILT ☐

CONSTRUCTION NO.:
PROJECT: 5402
SITE ACCOUNT: 110-47-5195-047

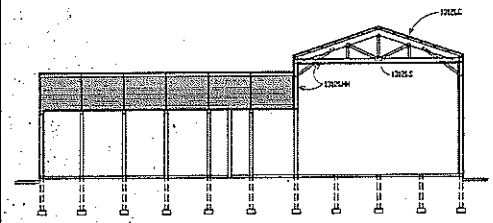
SHEET: A702



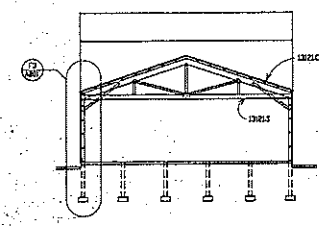
B1 ELEVATIONS
A801 1/8"=1'-0"



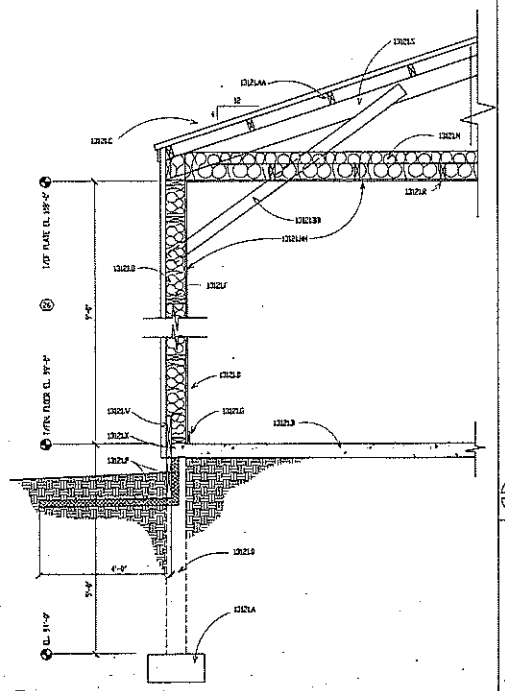
B6 MAINTENANCE BUILDING FLOOR PLAN
A801 1/8"=1'-0"



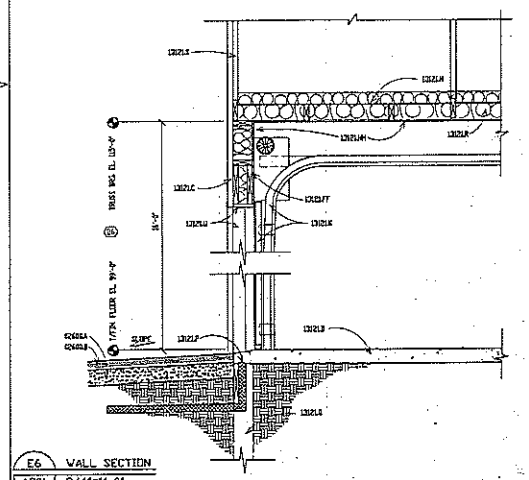
D1 BUILDING SECTION
A801 1/8"=1'-0"



F1 BUILDING SECTION
A801 1/8"=1'-0"



F3 WALL SECTION
A801 3/4"=1'-0"



E6 WALL SECTION
A801 3/4"=1'-0"

KEYED NOTES

02600A	BASE COURSE
02600B	BITUMINOUS BINDER AND SURFACE COURSES
10425A	MESH PARTITION
10425B	2' X 2' MESH DOOR
10425C	24' X 21' SERVICE DOOR
13121A	CONCRETE FOOTING 16"DIA X 8"
13121B	CONCRETE SLAB W/6x6x6/10 W.W.F.
13121C	METAL ROOF/SIDING PANELS
13121D	4' HIGH PLYWOOD VARGICER
13121F	2 X 6 GIRTS
13121G	1 X 4 TREATED TRIM
13121H	EXTERIOR METAL DOORS W/1 X 3 TRIM
13121I	INTERIOR WOOD DOORS W/1 X 3 TRIM
13121J	8' X 7' OVERHEAD DOOR
13121K	10' X 14' OVERHEAD DOOR
13121L	INTERIOR WINDOWS 30' X 48' W/1 X 4 TRIM
13121M	FIBERGLASS INSULATION CELDING INS
13121N	EXTERIOR WINDOWS 48' X 48' W/1 X 3 TRIM
13121O	FIBERGLASS INSULATION GRATE
13121P	EXTERIOR FOAM INSULATION BOARD
13121Q	6 X 6 TREATED TIMBER
13121R	2 X 4 CEILING JOISTS @ 2'-0" O.C.
13121S	WOOD TRUSSES
13121U	METAL TRIM
13121V	GUTTER & DOWN SPOUT
13121W	INFIL TRP 2 X 12 @ SPACINGS
13121X	EXTEND SLAB @ SPACINGS
13121Y	BASE SIDING THIS SIDE ONLY TO ALLOW FOR BITUMINOUS SURFACE
13121Z	RIDGE VENT
13121AA	WOOD PURLINS
13121AB	KNEE BRACE
13121AT	2 X 12 HEADERS
13121AH	WALL/CEILING SHEATHING
13400AX	LAUNDRY TRAY W/NECK BIBB & BASKLER

GENERAL NOTES

(26) FLOOR ELEVATION OF MAIN BUILDING @ 100'-0" ARCHITECTURAL DATUM

PLAN LEGEND

	ROOM NUMBERS
	DOOR NUMBERS
	GENERAL NOTES
	REVISION NUMBERS
13121A	KEYED NOTES
	DETAIL SYMBOL

ROOM NAMES:

100	VEHICLE MAINTENANCE
102	TOOL CRIB
103	OFFICE
104	TOILET
105	TOILET
106	OFFICE
107	WORKERS STAGING
108	GENERAL MAINTENANCE
109	TOOL CRIB

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF CORRECTIONS
Office of Facilities

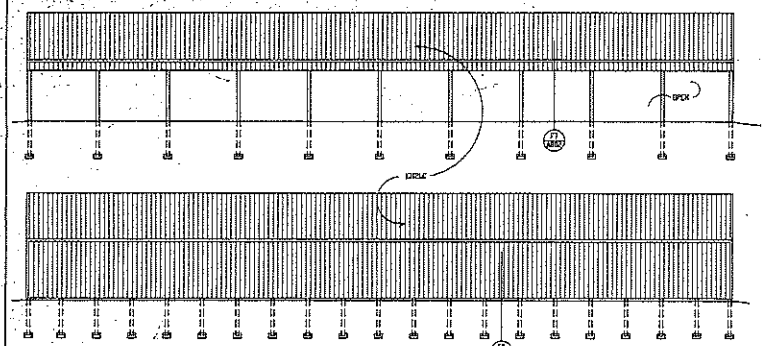
BLOMQUIST NELSON ASSOCIATES ARCHITECTS
305 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN (906) 774-1100

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

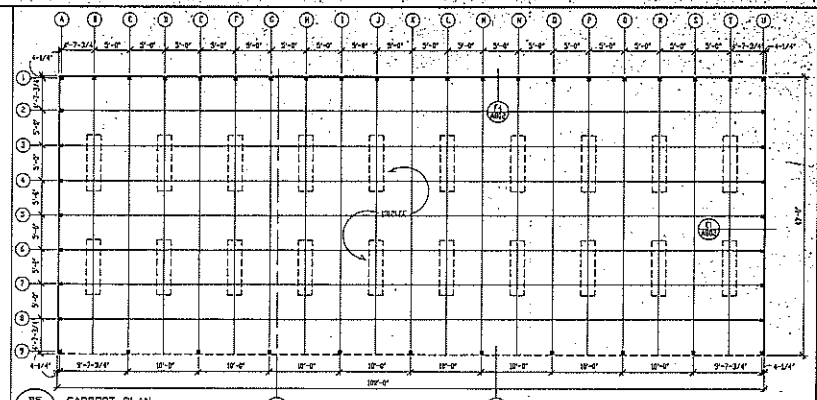
SHEET	MONITORING NO.	ISSUED FOR	DATE
	PROJECT: 5407	PRELIMINARY	
	SITE ACCOUNT	CONSTRUCTION	
	1113-47-5189-04	FINAL RECORD	

DESIGNED: MB
DRAWN: JM
SUPERV: MB
APPROVED: SB

A801



A1 FRONT & REAR ELEVATIONS
A802 1/8"=1'-0"



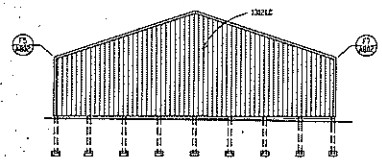
B5 CARPORT PLAN
A802 1/8"=1'-0"

KEYED NOTES

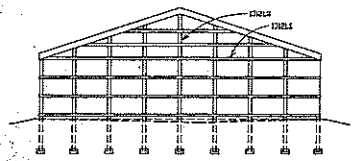
0500A	BASE COURSE
0500B	BITUMINOUS BINDER AND SURFACE COURSES
1312A	CONCRETE FOOTING (W/#3A & 8"
1312B	CONCRETE SLAB 3/4"x4 (6/9) WWF
1312C	METAL ROOF/SIDING PANELS
1312D	6x6 TREATED TIMBER POLE
1312E	WOOD TRUSSES
1312F	METAL TRIM
1312G	WOOD PURLINS
1312H	KNEE BRACE
1312J	UPLIFT COLLAR
1312K	HOLD DOWN CLIPS
1312L	TRANSLUCENT PANELS
1312M	6x12 HEADER

GENERAL NOTES

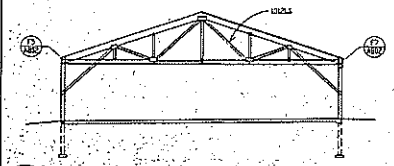
(26) FLOOR ELEVATION OF MAIN BUILDING @ 100'-0" ARCHITECTURAL DATUM



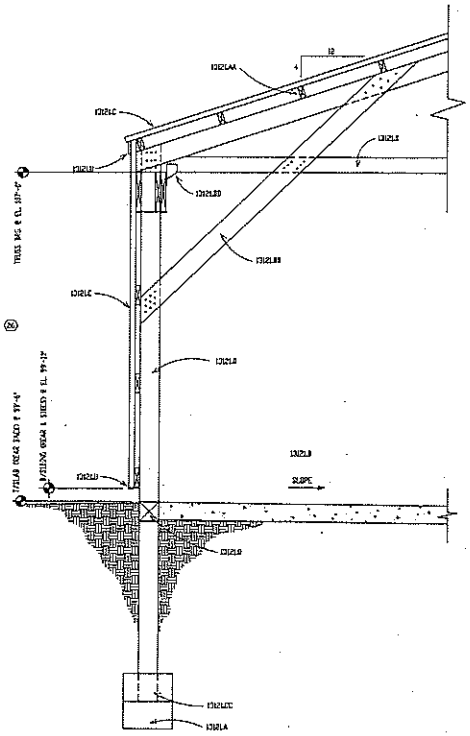
C1 SIDE ELEVATION
A802 1/8"=1'-0"



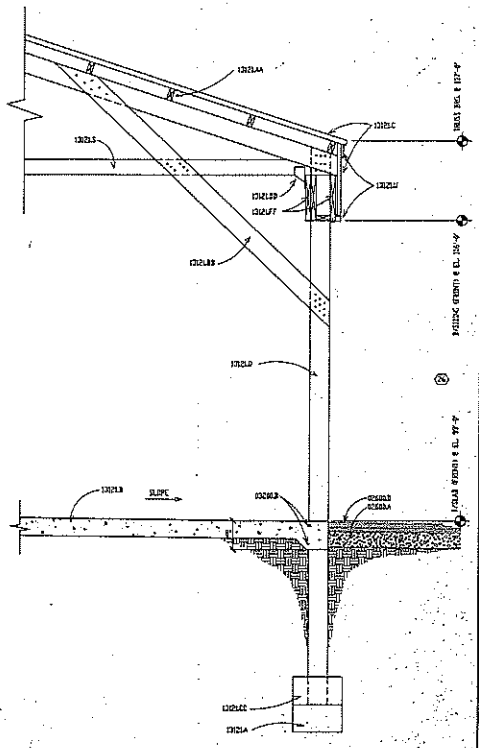
E1 ENDWALL DETAIL
A802 1/8"=1'-0"



F1 CROSS SECTION
A802 1/8"=1'-0"



F5 WALL SECTION
A802 3/4"=1'-0"



F7 WALL SECTION
A802 3/4"=1'-0"

REVISIONS:

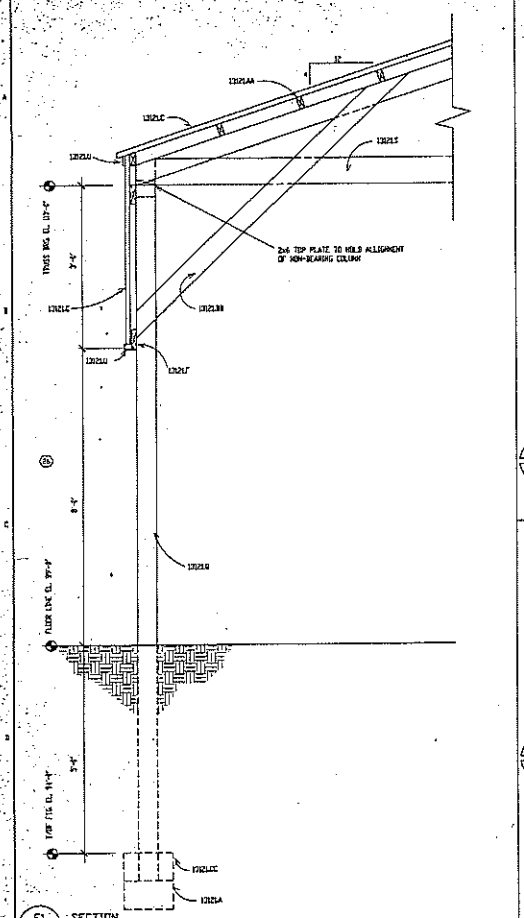
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

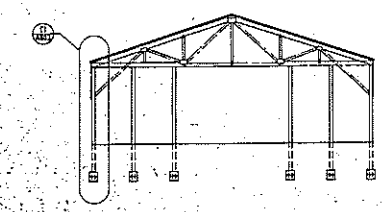
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED:	JAB	DATE	ISSUED FOR
DRAWN:	JAB	7/1/97	PRELIMINARY
CHECKED:	RD	7/1/97	CONSTRUCTION
APPROVED:	RD	7/1/97	FINAL RECORD

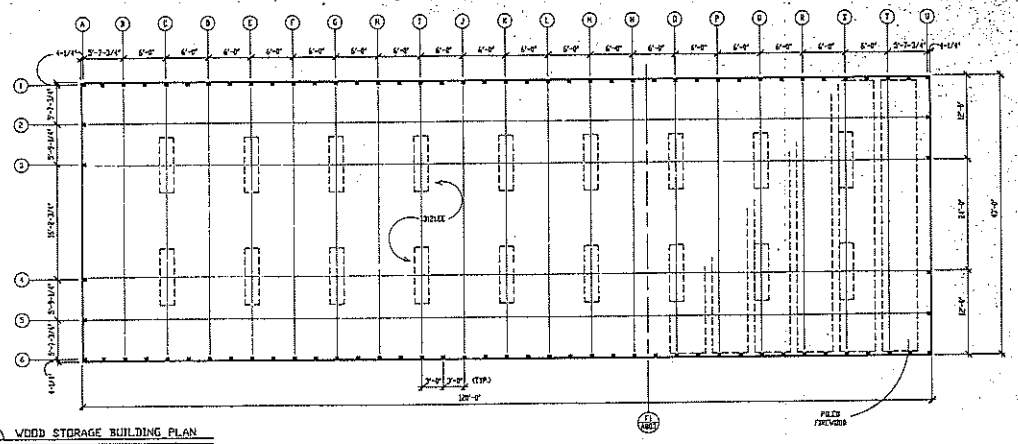
SHEET A802
PROJECT: 5402
STATE ACCOUNT #
110-47-319-6427



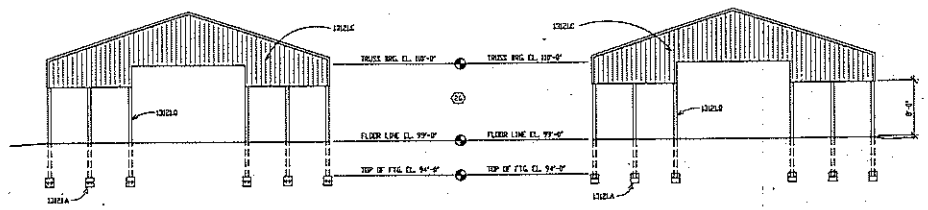
E1 SECTION
A803 3/4"=1'-0"



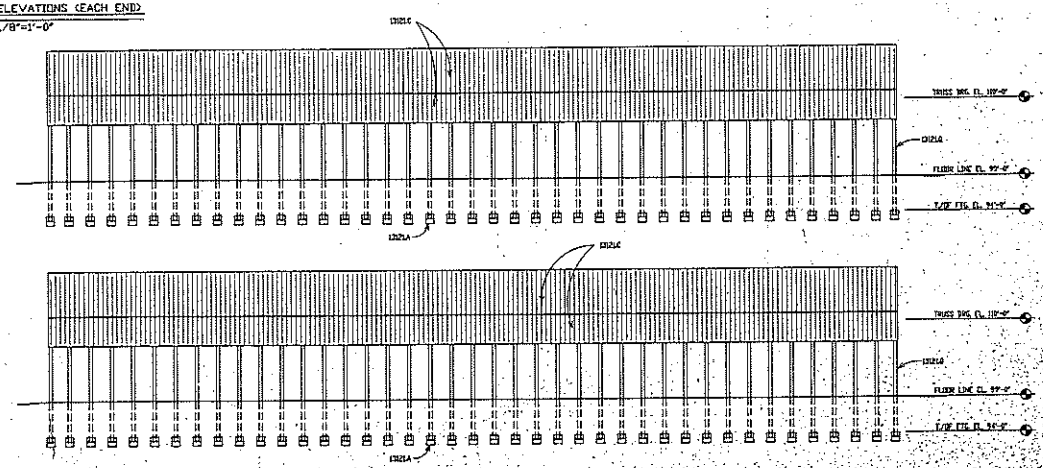
F1 CROSS SECTION
A803 1/8"=1'-0"



B3 WOOD STORAGE BUILDING PLAN
A803 1/8"=1'-0"



D3 ELEVATIONS (EACH END)
A803 1/8"=1'-0"



F3 ELEVATIONS (EACH SIDE)
A803 1/8"=1'-0"

KEYED NOTES

13121A - CONCRETE FOOTING 16"DIA. x 8"
13121C - METAL ROOF/SIDING PANELS
13121D - 6 x 6 TREATED POSTS
13121E - WOOD TRUSSES
13121F - METAL TRIM
13121AA - WOOD PURLINS
13121BB - KNEE BRACE
13121CC - SPLIT COLLAR
13121EE - TRANSLUCENT PANELS 2' x 8'
13121AA - WOOD NAILER

GENERAL NOTES

(E6) FLOOR ELEVATION OF MAIN BUILDING = 100'-0" (ARCHITECTURAL DATUM)

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: TJB
DRAWN: TJB
ENCORD: TJB
APPROVED: TJB

ISSUED FOR:
PRELIMINARY
CONSTRUCTION
FINAL RECORD

DATE:
7/16/99

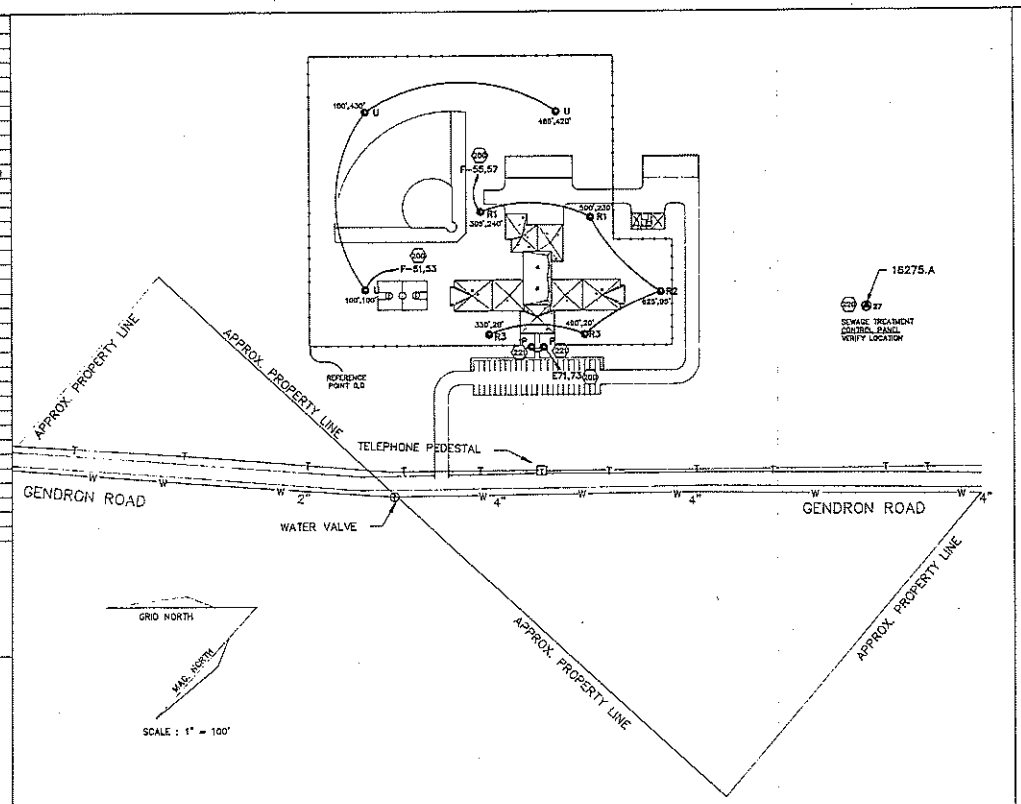
PROJECT NUMBER NO.
PROJECT 5402
FILE: 5402-A803
MDC-47-5199-047

SHEET
A803

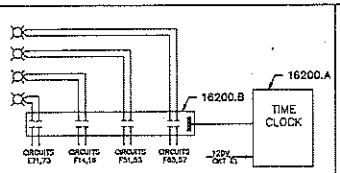
7/15/99
PLOT DATE
FILENAME

ELECTRICAL SYMBOLS LIST

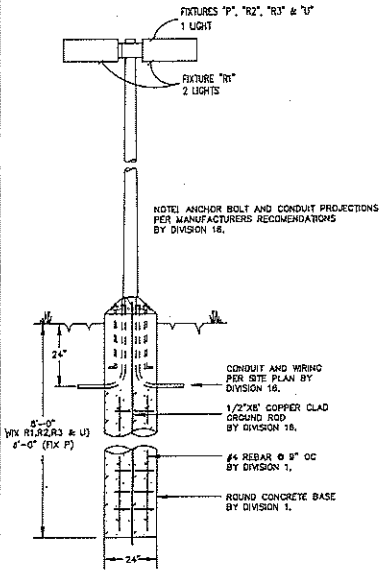
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (DR)	A	DOWN LIGHT		PANELBOARD SURFACE MNT
WP	DR W/WEATHERPROOF COVER	A	DOWN LIGHT – WALL MOUNT		PANELBOARD RECESSED
	DR MTD ABOVE CTR DR 48"	A	2' X 4' FLUOR	M	MOTOR
GF	DR W/GROUND FAULT	A	1' X 4' FLUOR		DISCONNECT SWITCH
	DR W/TOP HALF SWITCHED	A	1' X 4' FLUOR (UNSWITCHED)	F	DISCONNECT SWITCH FUSED
	SPLIT WIRED DUPLEX		2' X 4' FLUOR (UNSWITCHED)	F	COMB. STARTER/DISCONNECT
	DOUBLE DR	E	EXIT LIGHT		MAGNETIC STARTER
X	SPECIAL PURPOSE OUTLET	E1	EXIT LIGHT DOUBLE FACED	3HP	MANUAL STARTER
	SPO FLOOR MOUNTED	A	POLE MOUNTED LUMINAIRE		LCT CONTROL RELAY/CONTACTOR
H	CLOCK HANGER RECEPTACLE	A	4' FLUOR STRIP W/GUARD		TRANSFORMER
	EQUIPMENT CONNECTION	A	8' FLUOR STRIP W/GUARD		JUNCTION AND PULL BOXES
					CAPPED J-BOX
F	FA MANUAL PULL STATION	$	SINGLE POLE SWITCH		CONTROL CABINET (CPU)
F V	FA VISUAL SIGNAL	$2	2 POLE SWITCH		POWER METER
F	FA THERMAL DETECTOR	$3	3 WAY SWITCH		
F	FA SMOKE-DETECTOR	$4	4 WAY SWITCH	T	TELEVISION OUTLET
F	FA SMOKE/THERMAL DET.	$K	1 POLE KEY SWITCH		TELEPHONE OUTLET
F FS	SPRINKLER FLOW SWITCH	$K2	2 WAY KEY SWITCH		PHONE ABOVE COUNTER
F DH	DOOR HOLDER	$K3	3 WAY KEY SWITCH	P	PUBLIC PHONE
		$K4	4 WAY KEY SWITCH		GENERAL NOTE
DA	DOOR ALARM (DA) SWITCH	$P	SWITCH WITH PILOT LIGHT		
DK	DA KEY BY-PASS SWITCH	$R	RELAY CONTROL SWITCH		
			COMB SWITCH RECEPTACLE		
S	SPEAKER RECESSED (CEILING)	S	FAN SPEED SWITCH		
S	SPEAKER SURFACE (CEILING)	$D	WALL DIMMER		
S	SPEAKER SURFACE (WALL)	$S	SEPARATLY SWITCHED BAL.		
	SPEAKER CLOCK COMBINATION		PUSH BUTTON SWITCH		
C	SPEAKER VOLUME CONTROL	$T	TIMER SWITCH		
M	MICROPHONE JACK		THERMOSTAT		
A	INTERCOM CALL BUTTON				



D4 ELECTRICAL SITE PLAN
E101 SCALE: 1" = 100'



E4 EXTERIOR LIGHTING CONTROL SCHEMATIC
E101 NTS



F1 POLE BASE DETAIL
E101 NO SCALE

KEY NOTES

16275.A MONITOR SEWAGE TREATMENT CONTROL PANEL STATUS
16200.A TIME CLOCK
16200.B LIGHTING CONTACTORS

GENERAL NOTES

(200) UNDERGROUND LIGHTING CIRCUITS – 2 – #4 1 – #10 GRND IN 1-1/4" CONDUIT FULL LENGTH OF RUN. SEE DETAIL E4-E101.

(202) PROVIDE A 1" PVC CONDUIT FROM MAIN TELEPHONE BOARD IN ROOM 107 TO TELEPHONE LOCATED IN SEWAGE TREATMENT STATION.

(221) LOCATE POLE 10'-0" FROM EDGE OF SIDEWALK AT MIDPOINT BETWEEN BUILDING AND PARKING LOT.

STATE OF MICHIGAN DAVID JOHN GORSKI LICENSED PROFESSIONAL ENGINEER No. 20794

E101 – E116

Lang Associates
P.O. BOX 1724, MARSHALL MI 49068-1724
PHONE: (616)781-1333

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

ASSOCIATES ARCHITECTS
BLOMQUIST, NELSON
205 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

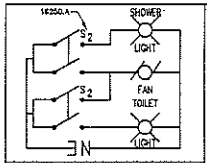
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DJJ
DRAWN: BJS
CHECKED: DJJ
APPROVED: JCB
DATE: 7/20/99

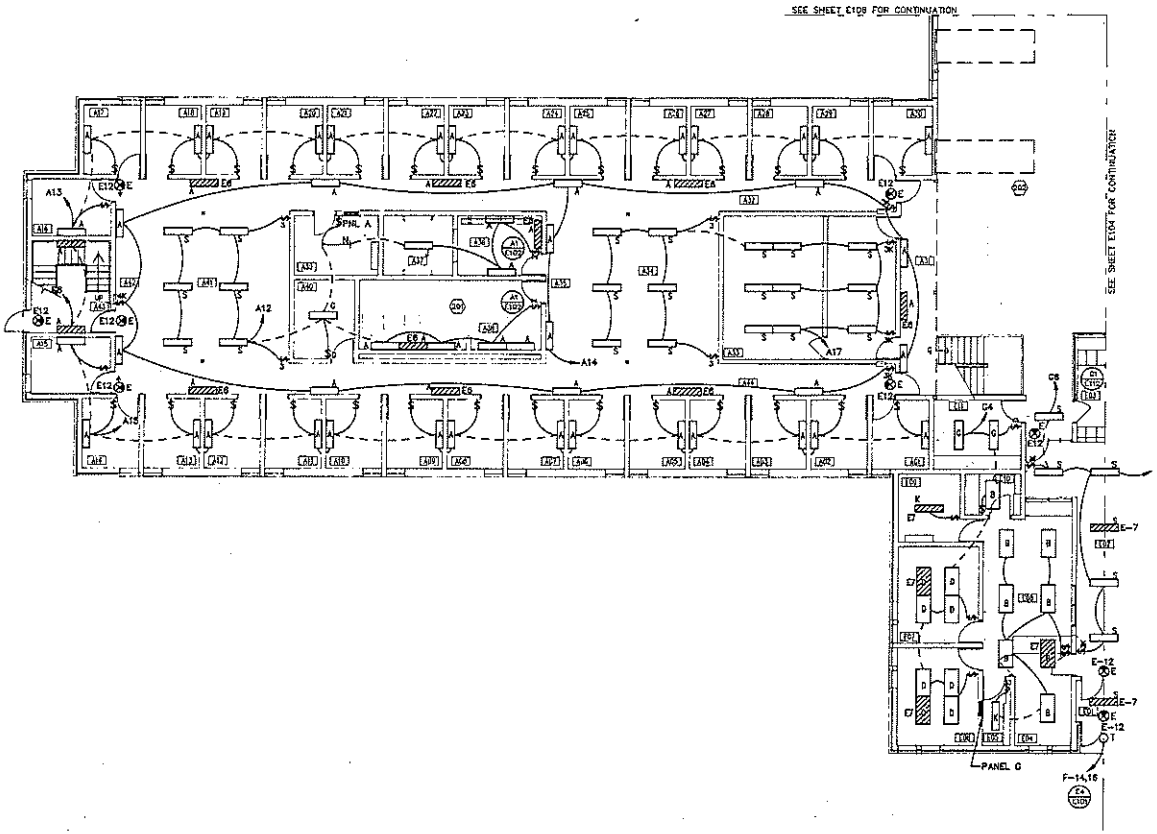
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT 5378
STATE ACCOUNT 110-47-5199-047

SHEET E101



A1 TYPICAL FAN / LIGHT CONTROL DIAGRAM
E102 NO SCALE



E2 LEFT WING FIRST FLOOR LIGHTING PLAN
E102 1/8"=1'-0"

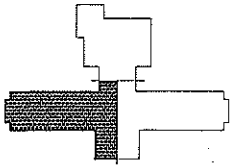
KEY NOTES

16250.A TWO POLE, SINGLE THROW SWITCH

GENERAL NOTES

E01 SEE ARCHITECTURAL ELEVATION OF THIS ROOM ON SHEET A402.

E02 SEE SHEET E108 FOR LIGHTING IN THIS AREA.



KEY PLAN

ROOM NAMES

A01-A20	RESIDENT ROOM	E01	VESTIBULE
A21	CORRIDOR	E02	CORRIDOR
A22	CORRIDOR	E03	GUARD STATION
A23	RESIDENT STORE	E04	WAITING
A24	PASSIVE REC.	E05	STORAGE
A25	CORRIDOR	E06	OFFICE
A26	DRESSING	E07	OFFICE
A27	SHOWER	E08	CLERICAL
A28	TOILET	E09	SECURE STORAGE
A29	JANITOR	E10	CLOCK ROOM
A40	CORRIDOR	E11	GROOMING
A41	PASSIVE REC.		
A42	CORRIDOR		
A43	STAIR		
A44	CORRIDOR		

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
500 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

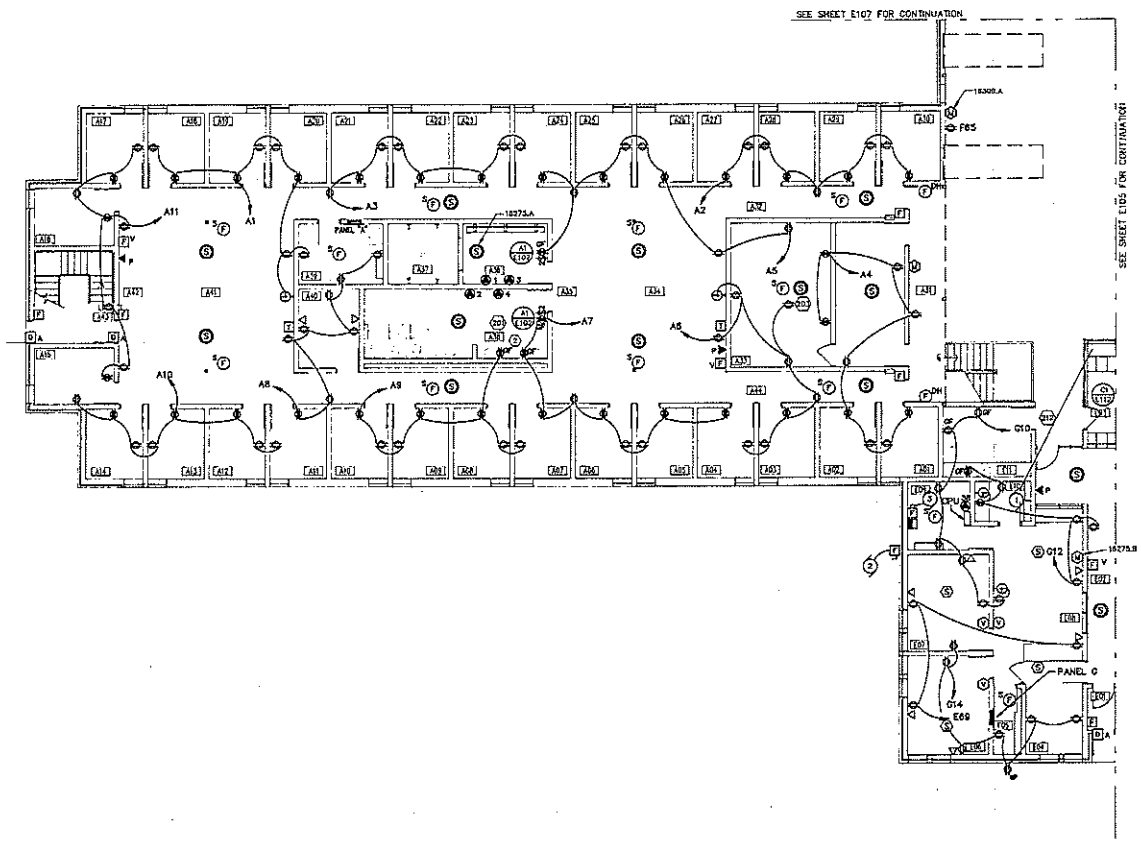
DESIGNED: D.J.K.
DRAWN: R.J.S.
CHECKED: D.J.S.
APPROVED: J.C.B.

DATE: 7/24/99

ISSUED FOR: PROGRESS ☐ CONSTRUCTION ☒ FINAL RECORD ☐

ARCHITECT/A.I.A. PROJECT 5378
STATE ACCOUNT 110-47-5199-047

SHEET E102



E2 LEFT WING FIRST FLOOR POWER / SYSTEMS PLAN
E103 1/8"=1'-0"

KEY NOTES

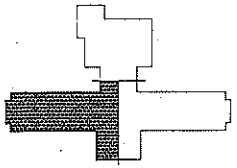
18273.A	SEALED CONE SPEAKER
18273.B	REMOTE MICROPHONE INPUT
18300.A	REMOTE MICROPHONE JACK

GENERAL NOTES

(209) SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A-402.

(215) INSTALL RECEPTACLE RECESSED IN CEILING. VERIFY EXACT LOCATION PRIOR TO INSTALLATION.

(512) PROVIDE (3) 1" CONDUITS STUBBED AND CAPPED FROM CEILING ABOVE ROOM E10 BENEATH FLOOR TO CHASE AREA BEHIND CASEWORK IN ROOM E03. LABEL "FUTURE" AT BOTH ENDS.



KEY PLAN

ROOM NAMES

A01-A30	RESIDENT ROOM	E01	VESTIBULE
A31	CORRIDOR	E02	CORRIDOR
A32	CORRIDOR	E03	GUARD STATION
A33	RESIDENT STORE	E04	WAITING
A34	PASSIVE REC.	E05	STORAGE
A35	CORRIDOR	E06	OFFICE
A36	DRESSING	E07	OFFICE
A37	SHOWER	E08	CLERICAL
A38	TOILET	E09	SECURE STORAGE
A39	JANITOR	E10	CLOCK ROOM
A40	CLOSET	E11	GROOMING
A41	PASSIVE REC.		
A42	CORRIDOR		
A43	STAIR		
A44	CORRIDOR		

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

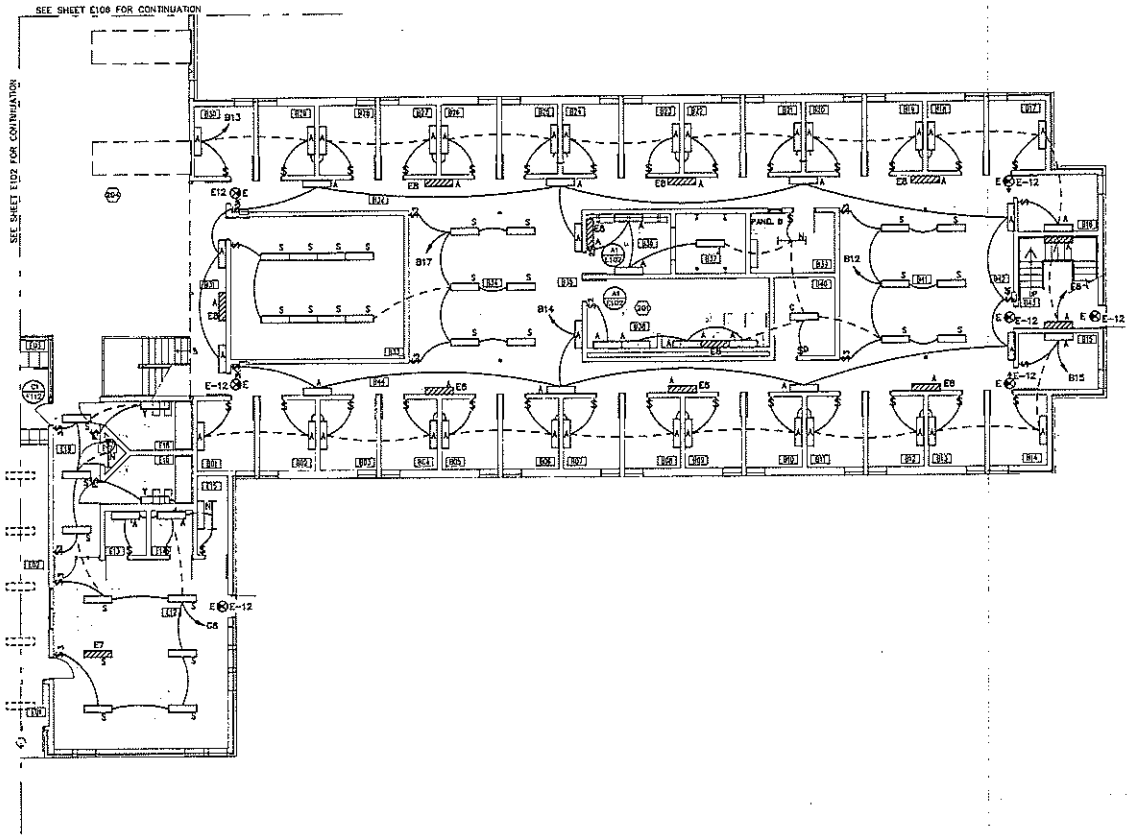
DESIGNED DJH
DRAWN J. E/S
CHECKED E/S
APPROVED J.C.D.

DATE 7/24/00

ISSUED FOR
PRELIMINARY ☐
CONSTRUCTION ☐
FINAL RECORD ☐

SHEET E103

IDENTIFICATION NO.
PROJECT 5378
STATE ACCOUNT 110-47-5198-047



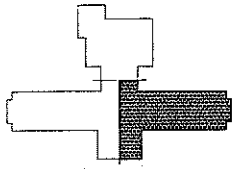
E2 RIGHT WING FIRST FLOOR LIGHTING PLAN
E104 1/8"=1'-0"

KEY NOTES

GENERAL NOTES

201 SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A402.

204 SEE SHEET E110 FOR LIGHTING IN THIS AREA.



KEY PLAN

REVISIONS:

ROOM NAMES

B01-B30	RESIDENT ROOM	E01	VESTIBULE
B31	CORRIDOR	E02	CORRIDOR
B32	CORRIDOR	E03	GUARD STATION
B33	RESIDENT STORE	E12	VESTIBULE
B34	PASSIVE REC.	E13	MENS ROOM
B35	CORRIDOR	E14	WOMENS ROOM
B36	DRESSING	E15	MECH/STORAGE
B37	SHOWER	E16	TEMP. DETENTION
B38	TOILET	E17	SERVICE
B39	JANITOR	E18	TEMP. DETENTION
B40	COUNCEL		
B41	PASSIVE REC.		
B42	CORRIDOR		
B43	STAIR		
B44	CORRIDOR		

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1900 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

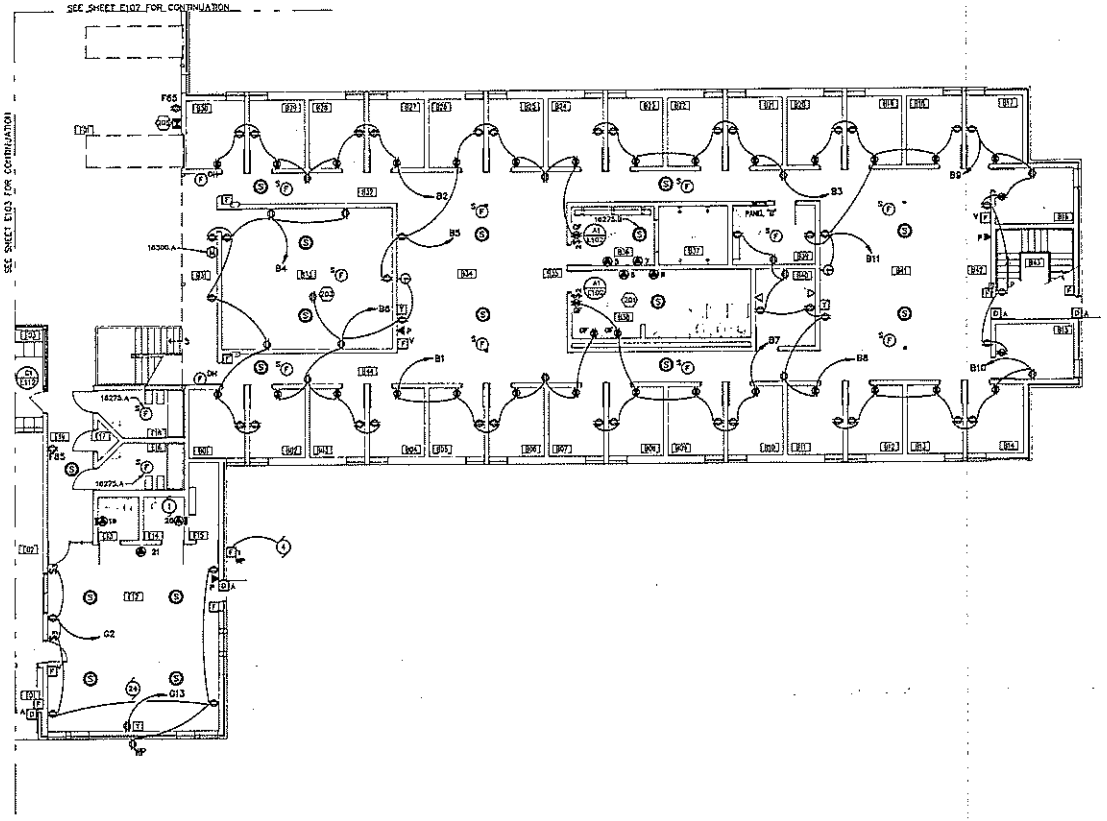
DESIGNED: DJH
DRAWN: RJS
CHECKED: DJG
APPROVED: JCB

DATE: 7/24/99

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT 5376
STATE ACCOUNT 110-47-5199-047

SHEET E104



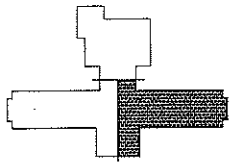
E2 RIGHT WING FIRST FLOOR POWER / SYSTEM PLAN
E105 1/8"=1'-0"

KEY NOTES

16275.A WIRE GUARD ON SMOKE DETECTOR
16275.D SEALER SPEAKER CONE
16300.A REMOTE MICROPHONE JACK

GENERAL NOTES

(202) SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A402.
(203) INSTALL RECEPTACLE RECESSED IN CEILING. VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
(204) JUNCTION BOX FOR SCOREBOARD CONTROLLER. SEE DETAIL A1-E106.



KEY PLAN

ROOM NAMES

B01-B30	RESIDENT ROOM	E01	VESTIBULE
B31	CORRIDOR	E02	CORRIDOR
B32	CORRIDOR	E03	GUARD STATION
B33	RESIDENT STORE	E12	VISITING
B34	PASSIVE REC.	E13	MENS ROOM
B35	CORRIDOR	E14	WOMENS ROOM
B36	DRESSING	E15	MECH/STORAGE
B37	SHOWER	E16	TEMP. DETENTION
B38	TOILET	E17	STORAGE
B39	JANITOR	E18	TEMP. DETENTION
B40	COUNSEL		
B41	PASSIVE REC.		
B42	CORRIDOR		
B43	STAIR		
B44	CORRIDOR		

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
203 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7128 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

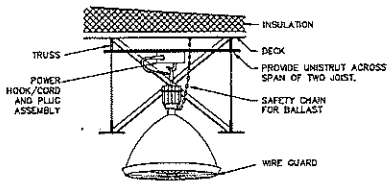
DESIGNED: DJB
DRAWN: TJS
CHECKED: DJG
APPROVED: JCB

DATE: 7/29/99

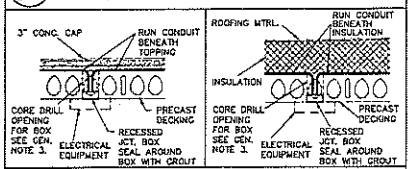
ISSUED FOR
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT 5378
STATE ACCOUNT 1110-47-5189-047

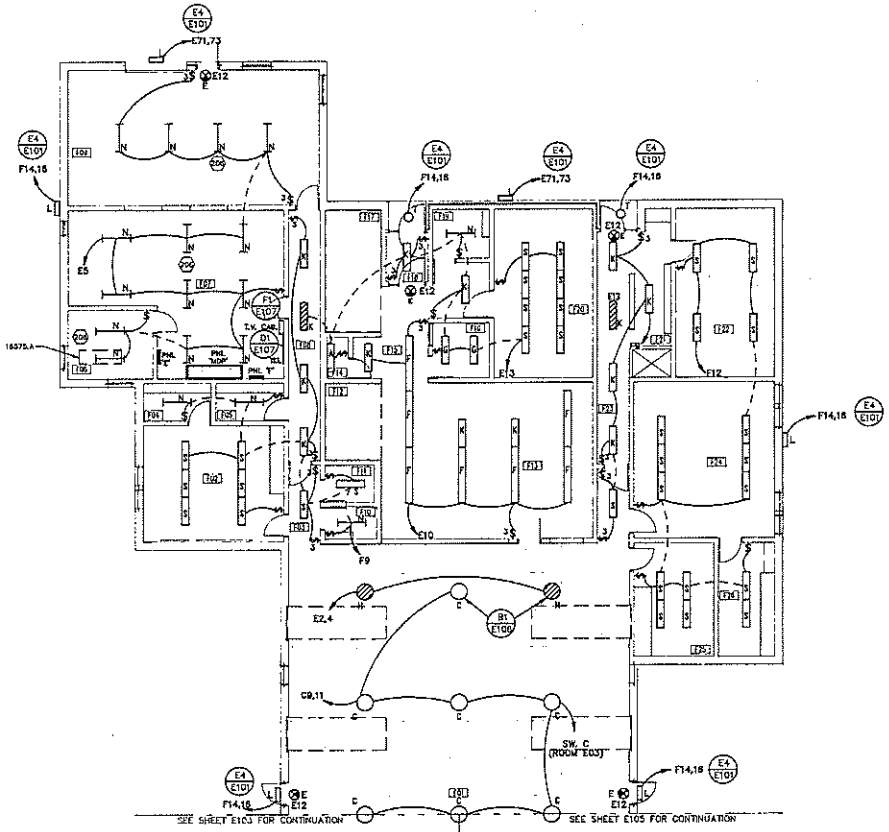
SHEET E105



B1 FIXTURE TYPE C & H MOUNTING DETAIL
E106 NO SCALE



C1 CEILING BOX INSTALLATION DETAIL
E106 NO SCALE



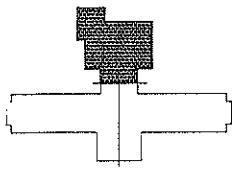
E3 BACK WING FIRST FLOOR LIGHTING PLAN
E105 1/8"=1'-0"

KEY NOTES

16575.A EMERGENCY GENERATOR

GENERAL NOTES

206 COORDINATE LOCATION OF FIXTURES WITH MECHANICAL OBSTRUCTIONS IN THIS AREA.



KEY PLAN

ROOM NAMES

F01	REC./DINING	F14	TOILET
F02	ARTS/CRAFTS	F15	CORRIDOR
F03	CORRIDOR	F16	OFFICE
F04	STORAGE	F17	FREEZER
F05	HAZARD STOR.	F18	WESTBAND
F06	GENERATOR RM	F19	JAN./STOR.
F07	MECHANICAL	F20	FOOD STORAGE
F08	CORRIDOR	F21	STAGING AREA
F09	BOILER ROOM	F22	CONT. SUPPLY
F10	JANITOR	F23	CORRIDOR
F11	STAFF TOILET	F24	LAUNDRY
F12	REFRIGERATOR	F25	MEDICAL
F13	KITCHEN	F26	CLEAN LINEN

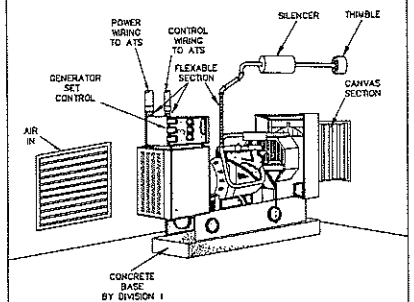
REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

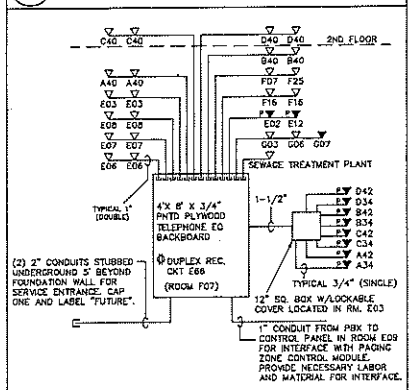
BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
300 S. STEVENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

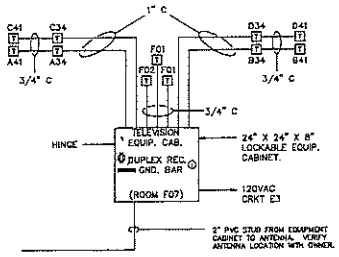
DESIGNED: DJH
DRAWN: KJS
CHECKED: DJA
APPROVED: JEL
DATE: 7/26/99
ISSUED FOR: ☐ PRELIMINARY ☐ CONSTRUCTION ☐ FINAL RECORD
IDENTIFICATION NO.
PROJECT: 5378
STATE ACCOUNT: 110-47-5199-047
SHEET: E106



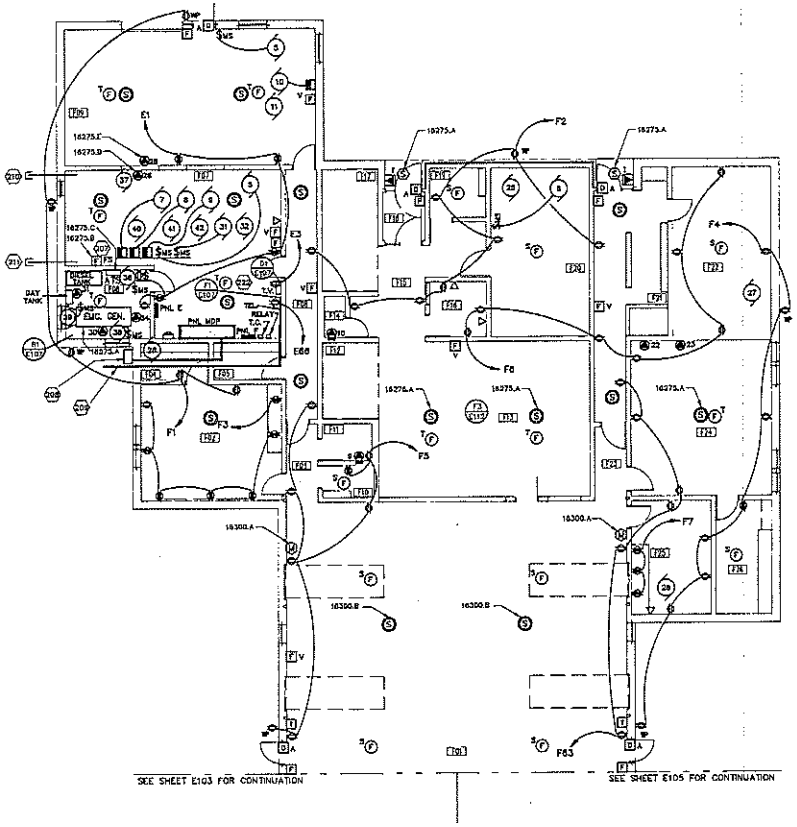
B1 GENERATOR DETAIL
E107 NO SCALE



D1 TELEPHONE RISER DIAGRAM
E107 NO SCALE



F1 T.V. RISER DIAGRAM
E107 NO SCALE



E3 BACK WING FIRST FLOOR POWER / SYSTEMS PLAN
E107 1/8"=1'-0"

KEY NOTES

16275.A	SEALED CONE SPEAKER.
16275.B	MONITOR WELL PUMPS CONTROL PANEL STATUS.
16275.C	MONITOR EMERGENCY STAND BY GENERATOR STATUS.
16275.D	MONITOR FLOW SWITCH
16275.E	MONITOR BOILER CONTROL PANEL STATUS.
16300.A	REMOTE MICROPHONE JACK
16300.B	MULTI-PURPOSE ROOM P.A. SYSTEM SPEAKERS.
16275.A	EMERGENCY STANDBY GENERATOR SYSTEM.

GENERAL NOTES

207 FLOW SWITCH. VERIFY EXACT LOCATION. PROVIDE ALL MATERIAL AND LABOR REQUIRED FOR INSTALLATION OF EXTERIOR ALARM ASSOCIATED WITH FIRE PROTECTION SYSTEM. ALARM LOCATION WILL BE ON BUILDING NEAR ROOM E04. COORDINATE AT SITE.

208 INSTALL BACKLESS BOX PROVIDED BY UTILITY FOR CABLE CONNECTIONS. PROVIDE CONDUIT AND WIRE FROM BACKLESS BOX TO MDP PER ONE-LINE DIAGRAM SHEET E113.

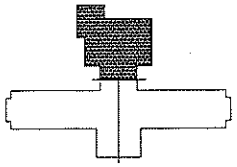
209 (2) 2" PVC CONDUITS STUBBED 5' BEYOND BUILDING FOR TELEPHONE ENTRANCE.

210 (2) 2" PVC CONDUITS STUBBED AND CAPPED 5' BEYOND BUILDING. LABEL "WELL PUMPS".

211 (3) 1-1/2" PVC CONDUITS STUBBED AND CAPPED 5' BEYOND BUILDING. LABEL "FUTURE EXTERIOR LIGHTING".

222 PROVIDE 4" PVC CONDUIT STUB FROM TELEVISION EQUIPMENT CABINET TO ANTENNA. ANTENNA PROVIDED BY OWNER. VERIFY EXACT LOCATION AT SITE.

224 COORDINATE ROUTING OF UNDERGROUND FEEDERS TO OUT BUILDINGS WITH UTILITY.



KEY PLAN

ROOM NAMES

F01	REC./DINING	F14	TOILET
F02	ARTS/CRAFTS	F15	CORRIDOR
F03	CORRIDOR	F16	OFFICE
F04	STORAGE	F17	PRESCRIP
F05	HAZARD STOR.	F18	VESTIBULE
F06	GENERATOR RM	F19	JAN./STOR.
F07	MECHANICAL	F20	FOOD STORAGE
F08	CORRIDOR	F21	STAGING AREA
F09	BOILER ROOM	F22	COIL SUPPLY
F10	JANITOR	F23	CORRIDOR
F11	STAFF TOILET	F24	LAUNDRY
F12	REFRIGERATOR	F25	MEDICAL
F13	KITCHEN	F26	CLEAN LINEN

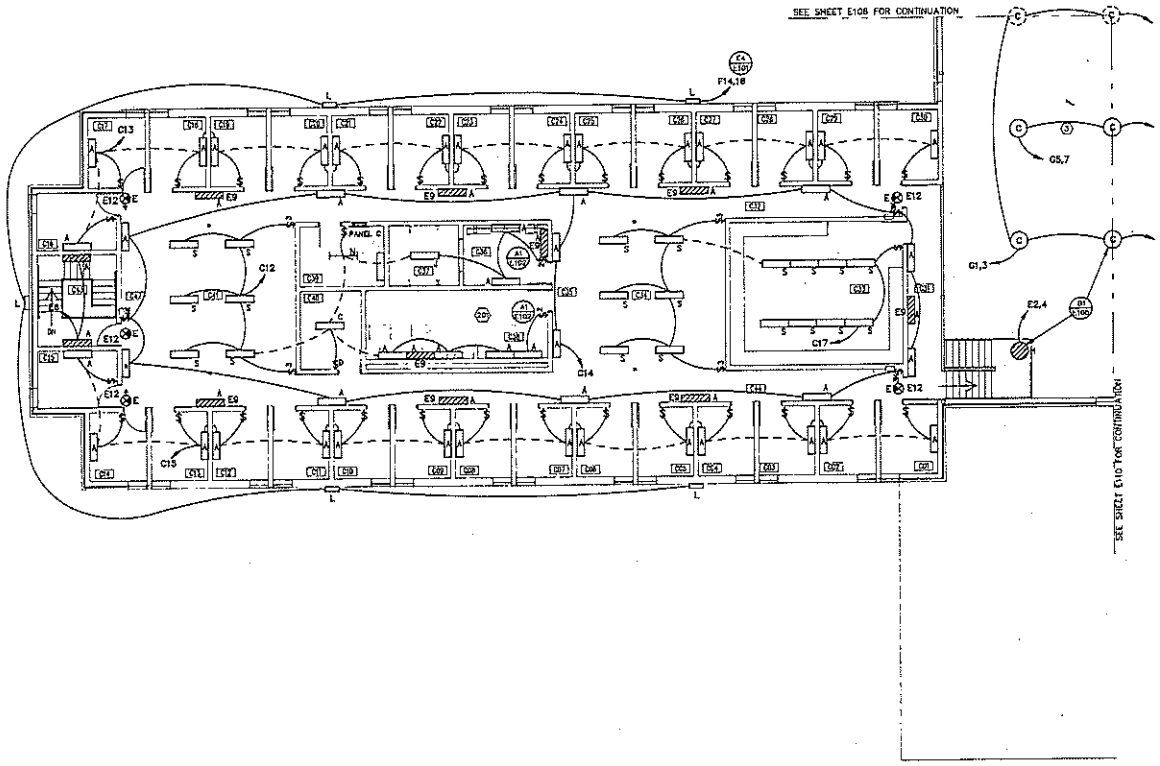
REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7200 U.S.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DRAWN: CHECKED: APPROVED:
DATE: 7/24/09
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☐ FINAL RECORD ☐
RECTIFICATION NO. 5378
PROJECT STATE ACCOUNT 110-47-51159-047
SHEET E107

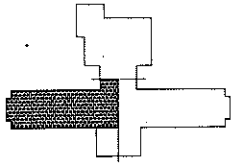


E2 LEFT WING SECOND FLOOR LIGHTING PLAN
E108 1/8"=1'-0"

KEY NOTES

GENERAL NOTES

201 SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A402.



KEY PLAN

REVISIONS:

ROOM NAMES

C01-C20	RESIDENT ROOM
C21	CORRIDOR
C22	CORRIDOR
C23	PERSONAL STOR.
C24	PASSIVE REC.
C25	CORRIDOR
C26	DRESSING
C27	SHOWER
C28	TOILET
C29	JAN/JAN ROOM
C40	COUNCIL
C41	PASSIVE REC.
C42	CORRIDOR
C43	STAIR
C44	CORRIDOR

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUD
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
209 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-779-7100 A.I.A.

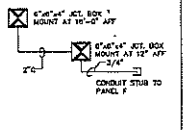
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DJH
DRAWN: RJS
CHECKED: DJH
APPROVED: JCE
DATE: 7/28/99

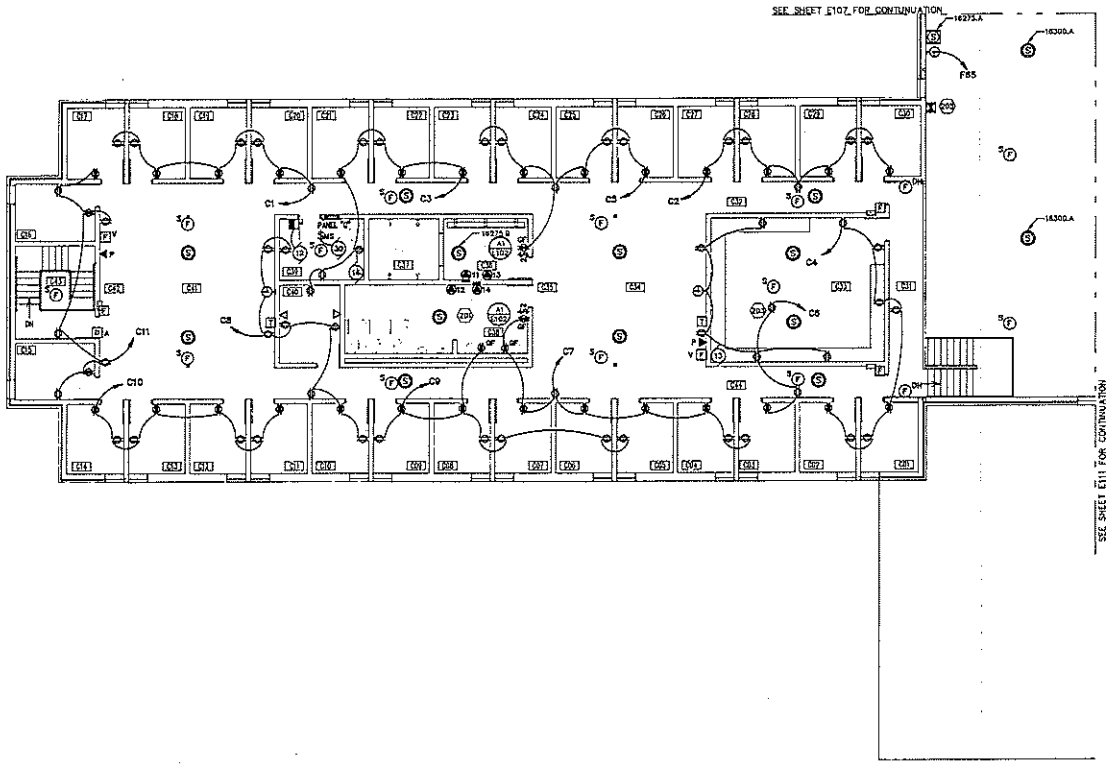
ISSUED FOR
☐ PRELIMINARY
☐ CONSTRUCTION
☐ FINAL RECORD

IDENTIFICATION NO.
PROJECT 5378
STATE ACCOUNT 110-47-5199-047

SHEET E108



A1 SCOREBOARD RISER
E109 NO SCALE



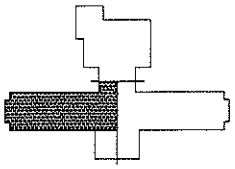
D2 LEFT WING SECOND FLOOR POWER / SYSTEMS PLAN
E109 1/8"=1'-0"

KEY NOTES

16275.A SPEAKER
16275.B SEALED CONE SPEAKER
16300.A MULTI-PURPOSE ROOM P.A. SYSTEM SPEAKER

GENERAL NOTES

201 SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A-402.
203 INSTALL RECEPTACLE RECESSED IN CEILING. VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
202 JUNCTION BOX FOR FUTURE SCOREBOARD. SEE DETAIL A1-E109.



KEY PLAN

ROOM NAMES

C01-C30 RESIDENT ROOM
C31 CORRIDOR
C32 CORRIDOR
C33 PERSONAL STOR.
C34 PASSIVE REC.
C35 CORRIDOR
C36 DRESSING
C37 SHOWER
C38 TOILET
C39 JAN./FAN ROOM
C40 COUNCIL
C41 PASSIVE REC.
C42 CORRIDOR
C43 STAIR
C44 CORRIDOR

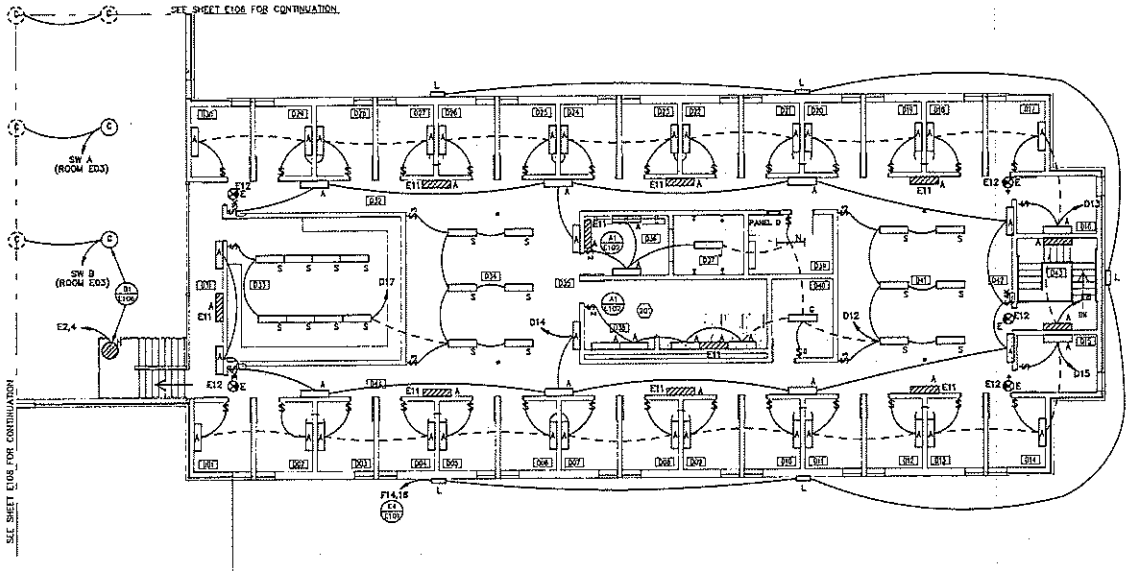
REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
305 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DJH
DRAWN: R.J.S.
CHECKED: D.M.
APPROVED: J.E.B.
DATE: 7/26/99
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐
IDENTIFICATION NO.: PROJECT 5378 STATE ACCOUNT (110-47-5169-047)
SHEET: E109

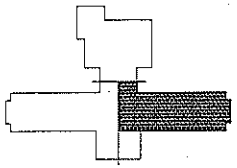


E2 RIGHT WING SECOND FLOOR LIGHTING PLAN
E110 1/8"=1'-0"

KEY NOTES

GENERAL NOTES

201 SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A402.



KEY PLAN

ROOM NAMES

D01-D30	RESIDENT ROOM
D31	CORRIDOR
D32	CORRIDOR
D33	PERSONAL STORE.
D34	PASSIVE REC.
D35	CORRIDOR
D36	DRESSING
D37	SHOWER
D38	TOILET
D39	JAN/RAN ROOM
D40	COUNSEL
D41	PASSIVE REC.
D42	CORRIDOR
D43	STAIR
D44	CORRIDOR

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUD
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-779-2500 A.I.A.

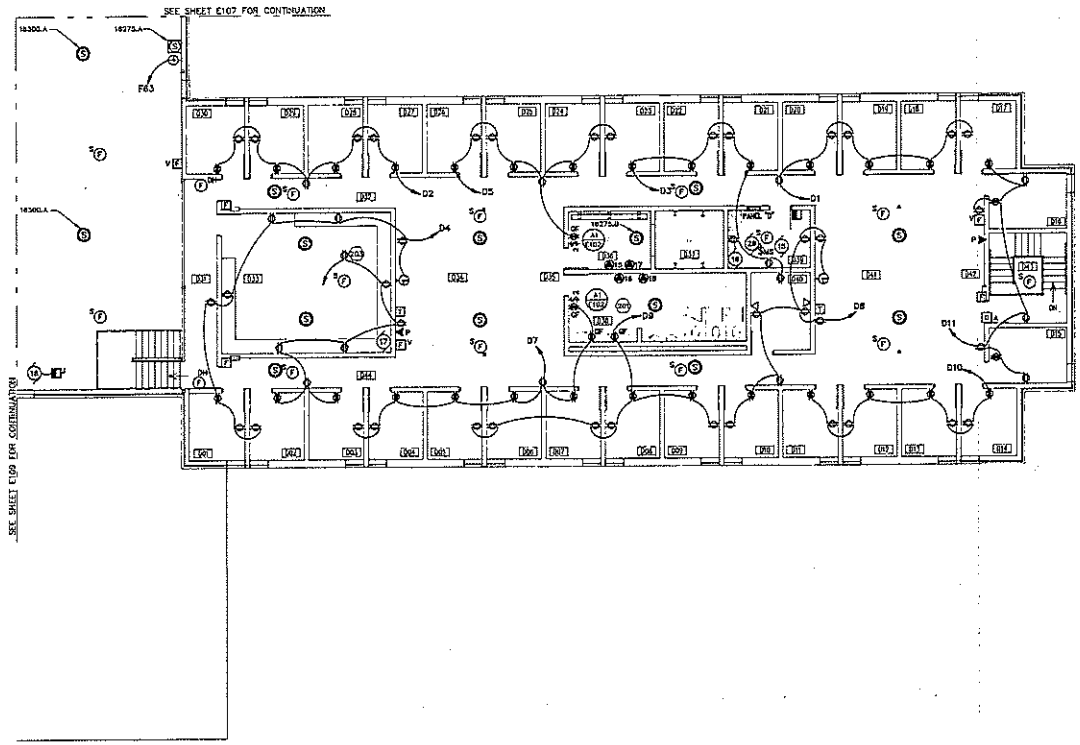
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DJH
DRAWN: RJS
CHECKED: DJH
APPROVED: JCB
DATE 7/26/99

ISSUED FOR
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT 5378
STATE ACCOUNT 1110-47-5198-047

SHEET E110



E2 RIGHT WING SECOND FLOOR POWER / SYSTEMS PLAN
E111 1/8"=1'-0"

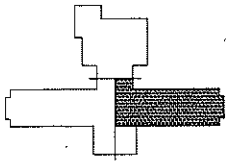
KEY NOTES

16275.A SPEAKER
16275.B SEALED CONE SPEAKER
16300.A MULTI-PURPOSE ROOM P.A. SYSTEM SPEAKER

GENERAL NOTES

201 SEE ARCHITECTURAL ELEVATIONS OF THIS ROOM ON SHEET A-402.

202 INSTALL RECEPTACLE RECESSED IN CEILING. VERIFY EXACT LOCATION PRIOR TO INSTALLATION.



KEY PLAN

REVISIONS:

ROOM NAMES

D01-D30	RESIDENT ROOM
D31	CORRIDOR
D32	CORRIDOR
D33	PERSONAL STOR.
D34	PASSIVE REC.
D35	CORRIDOR
D36	DRESSING
D37	SHOWER
D38	TOILET
D39	JAN/RAN ROOM
D40	COUNCEL
D41	PASSIVE REC.
D42	CORRIDOR
D43	STAIR
D44	CORRIDOR

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUD
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN (906) 774-2000 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

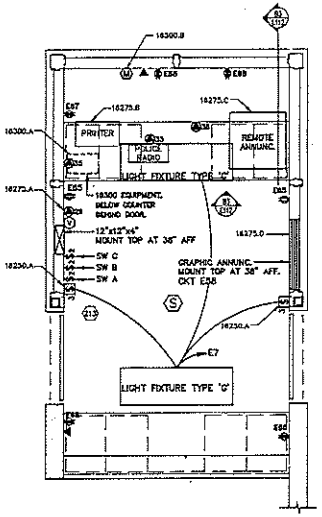
DESIGNED: D.J.H.
DRAWN: K.J.S.
CHECKED: J.V.B.
APPROVED: K.C.

DATE: 7/26/99

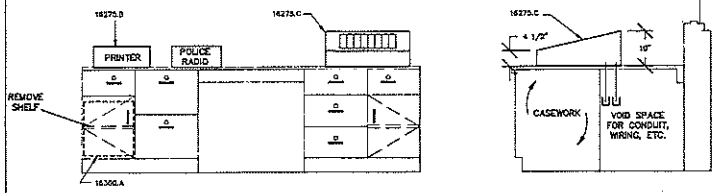
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO.: PROJECT 5378; STATE ACCOUNT 110-47-5193-047

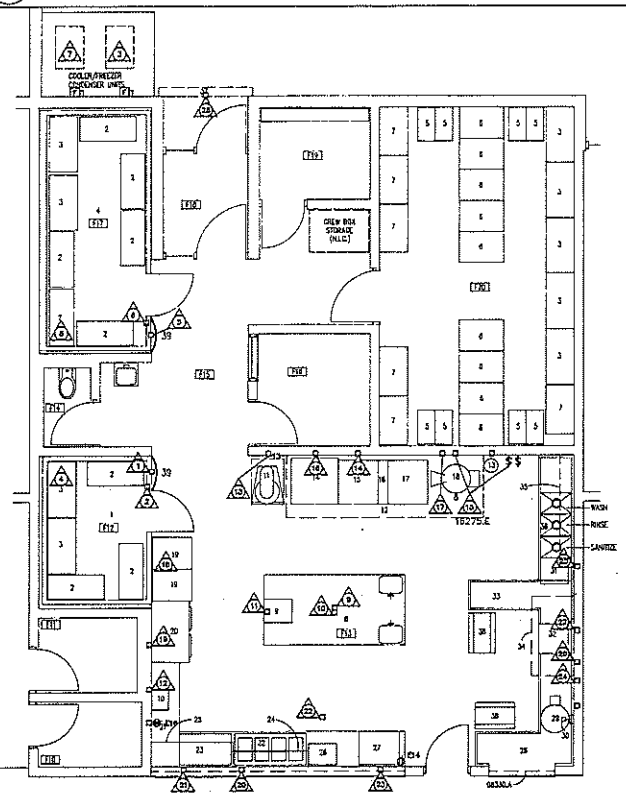
SHEET: E111



C1 ROOM E03 ELECTRICAL PLAN
E112 1/2"=1'-0"



B3 CABINETRY ROOM #E03
E112 3/4"=1'-0"



F3 FOOD SERVICE EQUIPMENT PLAN
E112 1/4"=1'-0"

KITCHEN EQUIPMENT SCHEDULE

NO.	DESCRIPTION	HP	KW	FLA	VOLT	#	BRK	WIRE	LOC.	PNL-CRCT	NOTES
1 (1)	WALK-IN COOLER ALARM				120	1	1/20	#10	F12	E-15	1
2 (1)	COLR. LIGHT & DOOR HEATER				120	1	1/20	#10	F12	E-15	2
3 (1)	COLR. CONDENSING UNIT	3/4		4.4	208	3	3/15	#10	EXT.	E-17,19,21	3
4 (1)	COLR. EVAP. FAN			1.0	208	1	2/15	#10	F12	E-23,25	4
5 (4)	WALK-IN FREEZER ALARM				120	1	1/20	#10	F17	E-18	1
6 (4)	FRZR. LIGHT & DOOR HEATER				120	1	1/20	#10	F17	E-18	2
7 (4)	FRZR. CONDENSING UNIT	2.0		10.1	208	3	3/20	#10	EXT.	E-20,22,24	3
8 (4)	FRZR. DEFROST COIL		2.65	2.4	208	1	2/15	#10	F17	E-26,28	4
9 (8)	RECEPTACLE ON COOK'S TABLE				120	1	1/20	#10	F13	E-30	5
10 (8)	RECEPTACLE ON COOK'S TABLE				120	1	1/20	#10	F13	E-32	5
11 (9)	SLICER	1/4			120	1	1/20	#10	F13	E-27	6
12 (10)	CONVEYORIZED TOASTER		3.6	18.3	208	1	2/25	#12	F13	F-18,20	6
13 (11)	MIXER	2.0		5.6	208	3	3/15	#12	F13	F-21,23,25	7,17
14 (12)	PRV (GRILLE EXHAUST)	1.5			208	3	3/15	#12	ROOF	F-27,29,31	3
15 (13)	GRILLE HOOD LGTS & FIRE SUP.		.24	15.0	120	1	1/20	#10	F13	E-29	8
16 (14)	CONVECTION OVEN FAN	1/2			120	1	1/15	#12	F13	F-22	6
17 (15)	STEAM KETTLE		.3		120	1	1/15	#12	F13	F-11	2,17
18 (16)	HOT CABINETS (2)		1	8.4	120	1	(2)1/20	#12	F13	F-24,26	9
19 (20)	REACH-IN REFRIGERATOR	1/3	.734	9.4	120	1	1/15	#12	F13	E-36	10
20 (22)	HOT FOOD WELLS		3.6		208	1	2/25	#12	F13	F-30,32	11
21 (23)	REFRIGERATED FOOD FAN	1/4		15.0	120	1	1/20	#12	F13	F-33	11
22 (26)	FREEZE DRIED COFFEE DISPENSER		13.7	38	208	3	3/50	#8	F13	F-34,36,38	12
23 (27)	ICE/WATER DISPENSER	3/4		20.8	120	1	1/30	#10	F13	E-31	13,17
24 (29)	WASTE FOOD SCRAPPER	1/6			120	1	1/20	#12	F13	F-35	2,17
25 (31)	BOOSTER WATER HEATER		12		208	3	3/50	#8	F13	F-37,39,41	14,17
26 (32)	DISHWASHER	1.0			208	3	3/20	#12	F13	F-43,45,47	15,17
27 (34)	DISHWASHER EXHAUST FAN	1/6			120	1	1/20	#12	ROOF	F-35	16
28 (37)	AIR CURTAINS (2)	1/2		8.0	120	1	(2)1/15	#12	F18	F-10,49	16

SCHEDULE NOTES

NOTE: NUMBERS IN PARENTHESIS ARE EQUIMENT NUMBERS AS LISTED ON DIVISION 1 EQUIPMENT SCHEDULE.

1. DIRECT CONNECTION AT 100" AFF.
2. DIRECT CONNECTION. COORDINATE HEIGHT WITH EQUIPMENT SUPPLIER.
3. PROVIDE 3P-30A FUSED DISCONNECT IN NEMA 3R ENCLOSURE AT MOTOR. PROVIDE FUSES PER MANUFACTURERS RECOMMENDATIONS.
4. PROVIDE 2P-30A DISCONNECT AT MOTOR.
5. PROVIDE STEEL CITY #5FH-50-DUPCOV WITH 20 AMP DUPLEX RECEPTACLE. COORDINATE INSTALLATION WITH EQUIPMENT SUPPLIER.
6. PROVIDE RECEPTACLE TO MATCH CORDSET PROVIDED WITH EQUIPMENT. MOUNT AT 48" AFF.
7. DIRECT CONNECTION AT 48" AFF.
8. PROVIDE CONNECTION FOR GAS SHUT OFF SOLENOID AND POWER CUT-OFF. PROVIDE SHUNT-TRIP BREAKERS. COORDINATE WITH EQUIPMENT SUPPLIER. PROVIDE SPST SWITCHES AS REQUIRED.
9. PROVIDE 20 AMP SPLIT-WIRED DUPLEX RECEPTACLE AT 90" AFF.
10. PROVIDE RECEPTACLE TO MATCH CORDSET PROVIDED WITH EQUIPMENT. MOUNT AT 90" AFF.
11. PROVIDE RECEPTACLE TO MATCH CORDSET PROVIDED WITH EQUIPMENT. MOUNT AT 24" AFF.
12. PROVIDE RECPTACLE TO MATCH CORDSET PROVIDED WITH EQUIPMENT. MOUNT ON SERVICE COUNTER. COORDINATE WITH EQUIPMENT SUPPLIER.
13. DIRECT CONNECTION AT 24" AFF.
14. DIRECT CONNECTION AT 18" AFF.
15. DIRECT CONNECTION AT 16" AFF.
16. PROVIDE MANUAL MOTOR STARTER SWITCH IN NEMA 3R ENCLOSURE AT MOTOR.
17. USE SEALTITE TYPE CONDUIT FOR EXPOSED CONNECTION.

ROOM NAMES

F10 JANITOR
F11 STAF TOILET
F12 REFRIGERATOR
F13 KITCHEN-
F14 TOILET
F15 CORRIDOR
F16 OFFICE
F17 FREEZER
F18 VESTIBULE
F19 JAN./STOR.
F20 FOOD STORAGE

KEY NOTES

16250.A 3-WAY DIMMER SWITCH
16275.A MONITOR HVAC CONTROL PANEL STATUS
16275.B PRINTER
16275.C REMOTE ANNUNCIATOR
16275.D GRAPHIC ANNUNCIATOR
16275.E MONITOR FIRE SUPPRESSION SYSTEM
16300.A MULTI-PURPOSE, P.A. SYSTEM
16300.B REMOTE MICROPHONE JACK

GENERAL NOTES

213 SEE ARCHITECTURAL PLANS FOR FURTHER DETAILS OF ROOM E03 AND CASEWORK. COORDINATE WITH CASEWORK SUPPLIER.

REVISIONS:

STATE OF MONTANA
DEPARTMENT OF MANAGEMENT AND BUD
Office of Facilities

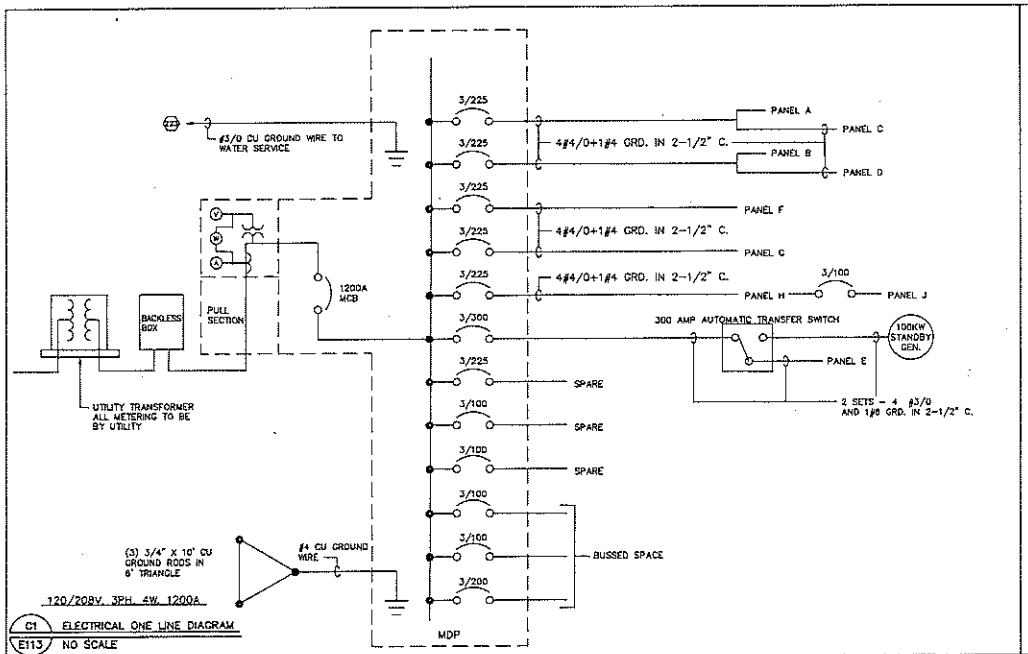
BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
208 S. STEPHENSON AVE., IRON MOUNTAIN, MONTANA 49801 906-774-7200 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DJH
DRAWN: RJS
CHECKED: DJS
APPROVED: JCE
DATE: 7/23/99
ISSUED FOR: PRELIMINARY / CONSTRUCTION / FINAL RECORD

CONTRACTOR NO.
PROJECT 5376
STATE ACCOUNT 110-47-5199-047

SHEET E112



C1 ELECTRICAL ONE LINE DIAGRAM
E113 NO SCALE

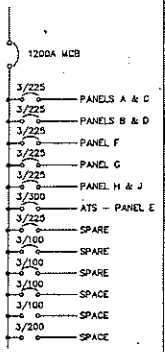
PANEL - SWITCH GEAR SCHEDULE

PNL	TYPE	DESCRIPTION	MOUNT	RATING (AIC) SERIES	RATING (AIC) FULL	BREAKERS QTY	BREAKERS POLE	BREAKERS AMP	BREAKERS QTY	BREAKERS POLE	BREAKERS AMP
MDP	SWITCHBOARD	1200A, 120/208V, 3PH, 4W, 1200A MCB	FLOOR	65K	–	SEE	DETAIL	F1-E113			
–	–		–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
A	PANELBOARD	225A, 120/208V, 3PH, 4W, MLO, 42CKT	FLUSH	10K	–	4	2	20	22	1	20
–	–	–	–	–	–	–	–	–	–	–	–
B	PANELBOARD	225A, 120/208V, 3PH, 4W, MLO, 42CKT	FLUSH	10K	–	4	2	20	22	1	20
–	–	–	–	–	–	–	–	–	–	–	–
C	PANELBOARD	225A, 120/208V, 3PH, 4W, MLO, 42CKT	FLUSH	10K	–	1	3	20	4	2	20
–	–	–	–	–	–	–	–	–	25	1	20
–	–	–	–	–	–	–	–	–	–	–	–
D	PANELBOARD	225A, 120/208V, 3PH, 4W, MLO, 42CKT	FLUSH	10K	–	1	3	15	4	2	20
–	–	–	–	–	–	–	–	–	25	1	20
–	–	–	–	–	–	–	–	–	–	–	–
E	PANELBOARD	400A, 120/208V, 3PH, 4W, MLO, 84CKT	SURFACE	22K	–	2	3	15	2	3	50
–	–	DOUBLE TUB	–	–	–	2	3	20	2	3	60
–	–	–	–	–	–	2	2	15	1	1	30
–	–	–	–	–	–	2	2	30	41	1	20
–	–	–	–	–	–	–	–	–	–	–	–
F	PANELBOARD	225A, 120/208V, 3PH, 4W, MLO, 84CKT	SURFACE	22K	–	2	3	15	3	3	50
–	–	DOUBLE TUB	–	–	–	1	3	20	2	2	20
–	–	–	–	–	–	2	2	25	2	1	15
–	–	–	–	–	–	1	2	30	45	1	20
–	–	–	–	–	–	–	–	–	–	–	–
G	PANELBOARD	225A, 120/208V, 3PH, 4W, MLO, 42CKT	FLUSH	10K	–	2	3	30	4	2	20
–	–	–	–	–	–	2	2	30	18	1	20
–	–	–	–	–	–	1	3	50	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
H	PANELBOARD	225A, 120/208V, 3PH, 4W, MB, 42CKT	FLUSH	10K	–	1	3	35	1	3	100
–	–	–	–	–	–	2	3	60	1	2	15
–	–	–	–	–	–	1	2	20	24	1	20
–	–	–	–	–	–	1	2	30	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
J	PANELBOARD	100A, 120/208V, 3PH, 4W, MB, 30CKT	SURFACE	10K	–	1	2	20	28	1	20
		NEMA 3R									

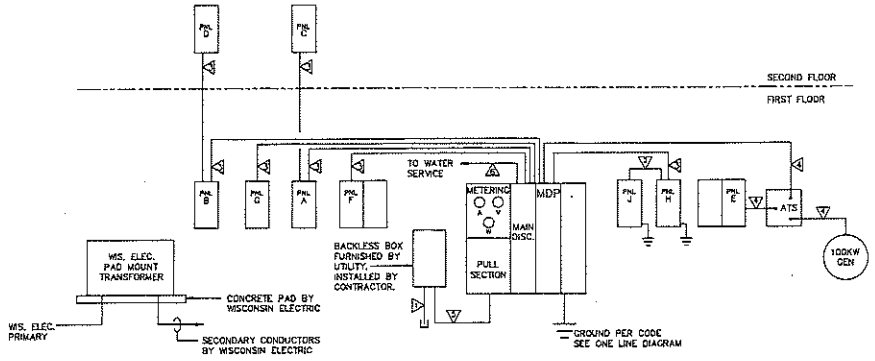
KEY NOTES

GENERAL NOTES

(#3) EXTEND GROUND TO WELL SITE IF INCOMMING WATER PIPING IS NON-METALLIC. COORDINATE WITH WELL CONTRACTOR.



F1 MDP CIRCUIT ARRAY
E113 NO SCALE

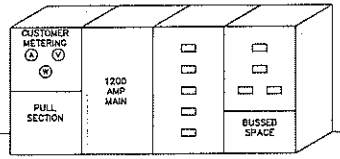


1200A, 120/208V, 3PH, 4W, UG

F2 POWER RISER DIAGRAM
E113 NO SCALE

CONDUIT AND CONDUCTOR SCHEDULE

MARK	CONDUIT SIZE	CONDUIT TYPE	CONDUCTOR NO.	CONDUCTOR SIZE	CONDUCTOR TYPE	CONDUCTOR GROUND
1	(4) 3"	PVC		BY UTILITY		
2	1-1/4"	PVC	4	#3	CU THWN	#8
3	2-1/2"	IMC	4	#4/0	CU THWN	#4
4	(2) 2-1/2"	IMC	(2) 4	#3/0	CU THWN	#6
5	3"	IMC	(4) 4	#350MCM	CU THWN	#2
6	1"	EMT	1		CU THWN	#3/0



F7 MDP ELEVATION
E113 NO SCALE

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

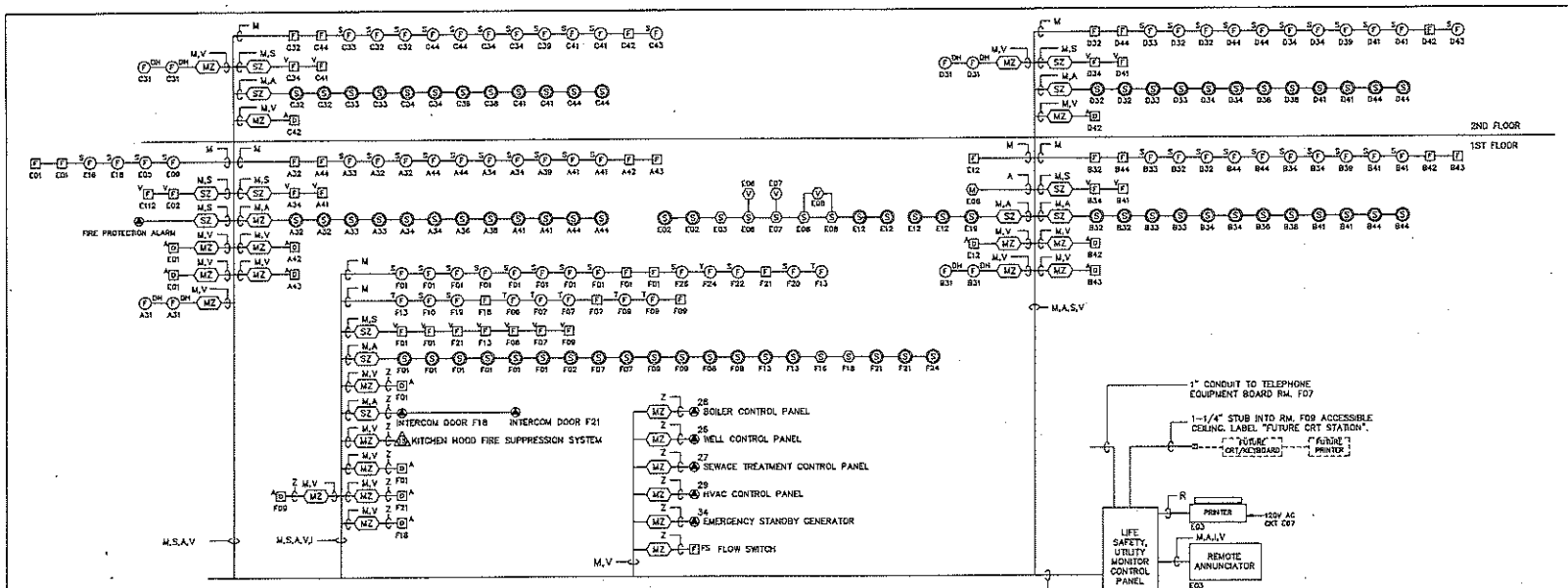
BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1000 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: DJH
DRAWN: DJS
CHECKED: DJS
APPROVED: JCE
DATE: 7/28/99
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT: 5378
STATE ACCOUNT: 110-47-5199-047

SHEET: E113



D1 LIFE SAFETY, UTILITY MONITOR AND CONTROL SYSTEM RISER DIAGRAM

E114 NOT TO SCALE

WIRING LEGEND

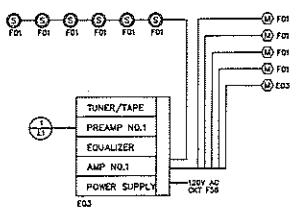
Z = ZONE CIRCUIT	2 - #14'S
M = MAGNET	1 - #18 TW. SH. PR.
A = AUDIO CKT	1 - #18 TW. SH. PR.
S = STROBE CKT	2 - #14'S
I = INTERCOM	1 - #18 TW. SH. PR.
R = RS232 COMM.	1 - TW. SH. #18 PR.
V = 24VAC POWER	2 - #14'S

SYMBOL LEGEND

- MZ MONITOR ZONE ADDRESSABLE MODULE
- SZ SIGNAL ZONE ADDRESSABLE MODULE
- WALL MOUNTED STROBE
- SF ADDRESSABLE SMOKE DETECTOR
- TF ADDRESSABLE HEAT DETECTOR
- SPECIAL PURPOSE EQUIPMENT (AS LABELED)
- RECESSED CEILING SPEAKER
- SURFACE CEILING SPEAKER
- DOOR MONITOR
- REMOTE MICROPHONE

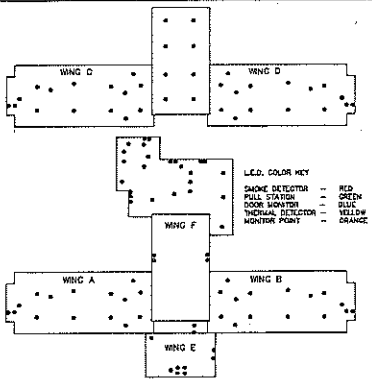
SYMBOL LEGEND

- SURFACE CEILING SPEAKER
- MICROPHONE JACK OUTLET



F1 ROOM F01 P.A. SYSTEM RISER DIAGRAM

E114 NOT TO SCALE



F3 GRAPHIC ANNUNCIATOR

E114 NOT TO SCALE

KEY NOTES

GENERAL NOTES

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS 200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY for: MICHIGAN DEPARTMENT OF CORRECTIONS location: IRON COUNTY, MICHIGAN

DESIGNED: DJH DATE 7/22/99
DRAWN: DJC
CHECKED: DJC
APPROVED: JLB

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO. PROJECT 5376 STATE ACCOUNT 110-47-5169-047

SHEET E114

SPECIAL PURPOSE OUTLET SCHEDULE

NO.	DESCRIPTION	HP	KW	FLA	VOLT	PH	BRK	WIRE	LOC	PNL-CKT	NOTES
1	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	A36	A-16,18	1
2	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	A36	A-20,22	1
3	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	A36	A-19,21	1
4	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	A36	A-23,25	1
5	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	B36	B-16,18	1
6	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	B36	B-20,22	1
7	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	B36	B-19,21	1
8	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	B36	B-23,25	1
9	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	F14	F-13,15	1
10	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	F14	F-17,19	1
11	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	C36	C-16,18	1
12	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	C36	C-20,22	1
13	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	C36	C-19,21	1
14	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	C36	C-23,25	1
15	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	D36	D-16,18	1
16	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	D36	D-20,22	1
17	HAIR DRYER	--	2.3	11.0	208	1	2/20	#12	D36	D-19,21	1
18	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	D36	D-23,25	1
19	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	E13	G-15,17	1
20	HAND DRYER	--	2.3	11.0	208	1	2/20	#12	E14	G-19,21	1
21	EWC	1/4	--	--	120	1	1/20	#12	E12	G-16	1
22	GAS CLOTHES DRYER	--	--	--	120	1	1/20	#12	F24	F-60	2
23	WASHER	--	--	40.0	208	3	3/50	#6	F24	F-62,64,66	2
24	WELDER	--	15.0	42.0	208	3	3/60	#6	G08	H-15,17,19	3
25	WELDER	--	15.0	42.0	208	3	3/60	#6	G01	H-16,21,23	3
26	WELL CONTROL PANEL	--	--	--	120	1	1/20	#10	F07	E-59	4,5
27	SEWAGE PLANT CONTROL PNL	--	--	--	--	--	--	--	--	SITE	5
28	BOILER CONTROL PANEL	--	--	--	120	1	1/20	#10	F09	E-37	4,5
29	TEMPERATURE CONTROL PANEL	--	--	--	120	1	1/20	#10	F03	E-36	4,5
30	BLOCK HEATER	--	1.5	--	120	1	1/20	#10	F08	E-61	--
31	DAY TANK HEATER/LIFT PUMP	--	--	--	120	1	1/20	#10	F06	E-63	--
32	BATTERY HEATER	--	--	--	120	1	1/20	#10	F06	E-63	--
33	POLICE RADIO	--	--	--	120	1	1/20	#10	E03	E-62	5,6
34	GENERATOR ATS/ANNUNCIATOR	--	--	--	--	--	--	--	--	--	5
35	PA/SOUND SYSTEM	--	--	--	120	1	1/20	#10	E03	E-70	--
36	CRT/KEYPAD	--	--	--	120	1	1/20	#10	E03	E-67	--
37	WATER HEATER	--	4.5	--	208	1	2/30	#10	G08	H-25,30	2
38	LIFE SAFETY SYSTEM	--	--	--	120	1	(2)1/20	#10	E09	E-56,60	--

SPECIAL PURPOSE OUTLET SCHEDULE NOTES

1. PROVIDED BY OTHERS, WIRED AND INSTALLED BY DIVISION 16.
2. VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
3. WIRE PER NEC ARTICLE 630.
4. PROVIDE POWER CONNECTION TO EQUIPMENT. VERIFY EXACT LOCATION.
5. MONITOR STATUS OF SYSTEM WITH LIFE SAFETY, UTILITY MONITOR CONTROL SYSTEM. PROVIDE NECESSARY EQUIPMENT REQUIRED FOR INTERFACE.
6. PROVIDE 3/4" CONDUIT STUB FROM POLICE RADIO TO POLICE RADIO ANTENNA ON ROOF. VERIFY AND COORDINATE EXACT REQUIREMENTS AND LOCATIONS AT SITE.

MOTOR SCHEDULE

NO.	DESCRIPTION	HP	KW	VOLT	PH	FLA	WIRE	LOC	PNL-CKT	BRK	STARTER TYPE	BY	NOTES
1	EF-1 TO EF-10	FRAC	.064	120	1	--	#12	SEE PLAN	SEE PLAN	1/20	MAN	EC	1
2	CU-1	--	--	208	3	16	#10	SEE PLAN	G-30,32,34	3/30	--	MFG	2
3	FC-1	1/3	--	208	1	--	#12	F09	G-30,36	2/20	0	EC	3
4	CU-2	--	--	208	3	16	#10	SEE PLAN	G-30,32,34	3/30	--	MFG	2
5	UH-1	1/20	--	120	1	--	#12	F07/F09	F-44	1/20	MAN	EC	6
6	UH-2	1/20	--	120	1	--	#12	F20	F-44	1/20	MAN	EC	6
7	P-1 (2)	7-1/2	--	208	3	--	#8	F07	C-37,39,41	3/50	1	EC	7
--	--	7-1/2	--	208	3	--	#8	F07	E-38,40,42	3/50	1	EC	7
8	P-2	1/3	--	120	1	--	#10	F07	C-33	1/20	0	EC	7
9	P-3	1/4	--	120	1	--	#10	F07	E-35	1/20	0	EC	7
10	DRAFT INDUCER	1-1/2	--	208	3	--	#10	F09	E-43,45,47	3/15	0	EC	8
11	EF-11	1/4	--	120	1	--	#12	F09	F-40	1/20	--	MFG	--
12	AHU-2	1-1/2	--	208	3	--	#12	G39	D-31,33,35	3/15	0	EC	7
13	PRV-2	1/3	--	120	1	--	#12	G39	C-27	1/20	--	MFG	10
14	PRV-1	1/4	--	120	1	--	#12	G33	D-27	1/20	--	MFG	10
15	AHU-3	1-1/2	--	208	3	--	#12	G39	D-31,33,35	3/15	0	EC	7
16	PRV-3	1/3	--	120	1	--	#12	G39	D-27	1/20	--	MFG	11
17	PRV-4	1/4	--	120	1	--	#12	G33	D-29	1/20	--	MFG	11
18	AHU-1	7-1/2	--	208	3	--	#8	F01	D-38,40,42	3/50	1	EC	7,8
19	UH-1	1/20	--	120	1	--	#12	G08	H-25	1/20	MAN	EC	6
20	UH-2	1/20	--	120	1	--	#12	G01	H-25	1/20	MAN	EC	6
21	UH-3	1/6	--	120	1	--	#12	G01	H-25	1/20	MAN	EC	6
22	PRV-10	1/2	--	120	1	--	#12	G01	H-27	1/20	MAN	MFG	--
23	PRV-11	1/4	--	120	1	--	#12	G08	H-29	1/20	MAN	MFG	--
24	PRV-8	1/4	--	120	1	--	#12	E12	C-18	1/20	MAN	MFG	--
25	PRV-7	1/4	--	120	1	--	#12	F20	F-50	1/20	MAN	MFG	--
26	PRV-6	1/20	--	120	1	--	#12	F25	F-48	1/20	MAN	MFG	--
27	PRV-5	1/3	--	120	1	--	#12	F22	F-46	1/20	0	MFG	--
28	PRV-9	1/4	--	120	1	--	#12	F04	F-50	1/20	MAN	MFG	--
29	P-4 #1	1/6	--	120	1	--	#12	G39	D-24	1/20	MAN	EC	4
30	P-4 #2	1/6	--	120	1	--	#12	G39	D-24	1/20	MAN	EC	4
31	AIR SEPARATOR	1/3	--	120	1	--	#10	F07	E-34	1/20	MAN	EC	4
32	AIR COMPRESSOR 1	--	--	208	3	--	#10	F07	E-49,51,53	3/20	--	MFG	--
33	AIR COMPRESSOR 5	--	--	208	3	--	#6	G01	H-22,24,26	3/35	0	EC	5
34	WELL PUMP #1	12	--	208	3	--	#1	SITE PLN	E-44,46,48	3/60	--	MFG	12
35	WELL PUMP #2	12	--	208	3	--	#1	SITE PLN	E-50,52,54	3/60	--	MFG	12
36	SUMP PUMP	1/2	--	120	1	--	#10	F06	E-55	1/20	MAN	MFG	--
37	AIR COMPRESSOR	1/4	--	120	1	--	#10	F07	E-59	1/20	MAN	MFG	--
38	INTAKE DAMPER	1/4	--	120	1	--	#10	F06	E-60	1/20	MAN	EC	13
39	EXHAUST DAMPER	1/4	--	120	1	--	#10	F08	E-60	1/20	MAN	EC	13
40	CP-1	1/12	--	120	1	--	#12	F07	F-67	1/20	MAN	WU	--
41	CP-2	1/12	--	120	1	--	#12	F07	F-67	1/20	MAN	WU	--
42	CP-3	1/3	--	120	1	--	#12	F07	F-67	1/20	MAN	WU	--

MOTOR SCHEDULE NOTES

1. INTERLOCK WITH ROOM LIGHTSWITCH.
2. PROVIDE 3P/30A FUSED DISCONNECT SWITCH NEMA 3R. FUSE PER MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE 2P/30A FUSED DISCONNECT SWITCH NEMA 1 MOUNT ON/NEAR UNIT.
4. PROVIDE MANUAL MOTOR STARTER. MOUNT AT LOCATION SHOWN ON PLANS.
5. PROVIDE NEMA 1 STARTER, SIZE AS INDICATED. UNIT FURNISHED W/DISCONNECT.
6. PROVIDE DISCONNECT AT UNIT.
7. PROVIDE NEMA 1 STARTER, SIZE AS INDICATED. PROVIDE AUX CONTACT AND HOA SWITCH.
8. PROVIDE NEMA 1 STARTER, SIZE AS INDICATED. PROVIDE AUX CONTACT AND HOA SWITCH. INTERLOCK WITH DAMPER AND EF-11.
9. PROVIDE 3P/60A FUSED DISCONNET SWITCH NEMA 1. FUSE PER MANUFACTURER'S RECOMMENDATIONS.
10. INTERLOCK WITH AHU-2.
11. INTERLOCK WITH AHU-3.
12. CIRCUIT FOR WELL PUMPS TO BE INSTALLED AT A FUTURE DATE. THIS CONTRACT PROVIDES BREAKERS ONLY.
13. INTERLOCK WITH EMERGENCY GENERATOR.

LIGHT FIXTURE SCHEDULE

TYPE	MFG'R	CATALOG NUMBER	LAMP TYPE	NO.	MOUNT	DESCRIPTION	NOTES
A	NORTHERN LIGHT	XC0014R-120-6613-ESB	F40DB35SS	1	SURFACE	HIGH ABUSE, POLYCARB. LENS,	1,3
--	KENALL	7170	--	--	--	TAMPERPROOF SCREWS, ENERGY SAVING	--
--	LPI	SME346W99R140-120-ESB	--	--	--	BALLAST	--
B	WILLIAMS	S223-RWTA156-ESB	F40DB35SS	3	RECESS	2X4 PRISMATIC TROFFER, .156 LENS,	--
--	BENJAMIN	AGS-10-8831-C-ES	--	--	--	REGRESSED ALUM. WHITE DOOR, ENERGY	--
--	METALUX	2GCWR-240A19/156-PAF-WDF-LE3	--	--	--	SAVING BALLAST	--
C	GENERAL ELECTRIC	UGS40M2A55-15-E7-F-HCP-208-WG-SFC3B	400W	1	SUSPEND	METAL HALIDE, POWER HOOK, CORD AND	--
--	BENJAMIN	EQW-400-208-17P-IPH250-IPC250-ISC-	--	--	--	PLUG, SAFETY CHAIN, DOUBLE FUSED,	--
--	--	DF-WG	--	--	--	WIRE GUARD, 208 VOLT	--
--	CROUSE-HINDS	SFF40MW05SF-IA1010-IA1004-H-IA1013	--	--	--	--	--
--	--	--	--	--	--	--	--
D	WILLIAMS	S222-RWTA156-ESB	F84DB35SS	2	RECESS	2X4 PRISMATIC TROFFER, .156 LENS,	--
--	BENJAMIN	AGS-10-8821-C-ES	--	--	--	REGRESSED ALUM. WHITE DOOR, ENERGY	--
--	METALUX	2GCWR-240A19/156-PAF-WDF-LE3	--	--	--	SAVING BALLAST	--
E	DUAL-LITE	EX-1100T	WU	2	SURFACE	VANDAL-RESISTANT EXIT SIGN	2
--	KENALL	8511	--	--	--	--	--
--	SURE-LITES	VP-1-RWG	--	--	--	--	--
F	WILLIAMS	1723-A-ESB	F40DB35SS	4	SURFACE	TANDEM 8 FOOT WRAPAROUND, ENERGY	--
--	BENJAMIN	CD-2224-6-ESB	--	--	--	SAVING BALLAST	--
--	METALUX	8T-W-240A-LE3	--	--	--	--	--
G	WILLIAMS	1824-A-DIM	F40DB35SS	4	SURFACE	WIDE WRAPAROUND, DIMMING BALLASTS	--
--	BENJAMIN	CD-7244-4-DIM	--	--	--	--	--
--	METALUX	W-440A-DG4	--	--	--	--	--
H	GENERAL ELECTRIC	UGS40M2A55-15-E7-F-HCP-208-WG-SFC3B-C	400W	1	SUSPEND	METAL HALIDE, POWER HOOK, CORD AND	--
--	--	--	--	--	--	PLUG, SAFETY CHAIN, DOUBLE FUSE,	--
--	BENJAMIN	EQW-400-208-17P-IPH250-IPC250-ISC-DF-	--	--	--	GUARTE STAND-BY, WIRE GUARD	--
--	--	WG-C	--	--	--	208 VOLT	--
--	CROUSE-HINDS	SFF40MW05SF-IA1010-IA1004-H-IA1013-4	--	--	--	--	--
J	WILLIAMS	S722-ESB-WET	F40DB35SS	2	SURFACE	WET LOCATION, VANDAL-RESISTANT	--
--	BENJAMIN	FA-2424-4R-ESB	--	--	--	LENS, ENERGY SAVING BALLAST	--
--	METALUX	VT-2440R-WL-VR-LE3	--	--	--	--	--
K	WILLIAMS	1722-A-ESB	F40DB35SS	2	SURFACE	4 FOOT WRAPAROUND, ENERGY SAVING	--
--	BENJAMIN	CD-2224-4-ESB	--	--	--	BALLAST	--
--	METALUX	W-240A-LE3	--	--	--	--	--
L	GENERAL ELECTRIC	M47N1552H15N4-DB-F	150W	1	SURFACE	WALL PAK, FUSING	8
--	BENJAMIN	DWW-150-HX-MT-B-F-208	--	--	--	--	--
--	LUMARK	HPWL-150-208-F	--	--	--	--	--
N	WILLIAMS	7622-ESB/WG-7814	F40DB35SS	2	SURFACE	OPEN STRIP FLUORESCENT, WIRE GUARD	--
--	BENJAMIN	S-24-4-ESB/CCS-4	--	--	--	--	--
--	METALUX	SS-240-LE3/WG/SS-4FT-U	--	--	--	--	--
P	CARDCO	H1413208-150HPS-BRP	150W	1	POLE	TYPE 3 DISTRIBUTION, 15 FOOT POLE,	4,5,9
--	EMCO	SHED-3H-150S-208-DB	--	--	--	FUSING AT HAND HOLE, 208 VOLT	--
--	MCGRAW-EDISON	CS7232-208-CA42	--	--	--	--	--
R1	CARDCO	H1922208-400HPS-BRP	400W	2	POLE	TWIN TYPE 3 DISTRIBUTION, 40 FOOT	4,6,9
--	EMCO	SHEP-3V-400S-208-DB	--	--	--	POLE, FUSING AT HAND HOLE, 208 VOLT	--
--	MCGRAW-EDISON	CS7262-208-CA42-TWIN	--	--	--	--	--
R2	CARDCO	H1912208-400HPS-BRP	400W	1	POLE	TYPE 3 DISTRIBUTION, 40 FOOT POLE,	4,6,9
--	EMCO	SHED-3V-400S-208-DB	--	--	--	FUSING AT HAND HOLE, 208 VOLT	--
--	MCGRAW-EDISON	CS7262-208-CA42	--	--	--	--	--
R3	CARDCO	H1912208-400HPS-BRP	400W	1	POLE	TYPE 3 DISTRIBUTION, 40 FOOT POLE,	4,6,9
--	EMCO	SHED-OV-400S-208-DB	--	--	--	FUSING AT HAND HOLE, 208 VOLT	--
--	MCGRAW-EDISON	CS7265-208-CA42	--	--	--	--	--
S	NORTHERN LIGHT	XC0024R-120-6613-ESB	F40DB35SS	2	SURFACE	HIGH ABUSE, POLYCARB.LENS,	--
--	KENALL	7270	--	--	--	TAMPERPROOF SCREWS, ENERGY SAVING	--
--	LPI	SME395159WR240-ESB	--	--	--	BALLAST	--
T	PRESCOLITE	S30575B-150HPS-M71-F-208	150W	1	RECESS	HIGH PRESSURE SODIUM DOWN LIGHT,	--
--	CAPRI	H553-T168-FS-208	--	--	--	FRESNEL LENS, FUSING, 208 VOLT	--
--	HALO	M4265-850-100202P-F-208	--	--	--	--	--
U	CARDCO	H2811V3208-1000HPS-BRP	1000W	1	POLE	TYPE 5 DISTRIBUTION, 50 FOOT POLE,	4,7,9
--	EMCO	SHED-OV-1000S-208-DB	--	--	--	FUSING AT HAND HOLE	--
--	CROUSE-HINDS	HAL915W0DW-OA1106	--	--	--	--	--
V	ESCO	510028-208-BRZ	175W	1	SURFACE	METAL HALIDE, HIGH ABUSE, FUSING	--
--	KENALL	3785-208-BRZ	--	--	--	--	--
--	DEVINE	B402-175MH-208-BRZ	--	--	--	--	--
W	APPLETON	VPX10756/VPCL-2PL/VPCU-1	150W	1	SURFACE	INCANDESCENT, POLYCARB GLOBE,	--
--	BENJAMIN	RC-150-P	--	--	--	GUARD, WET LOCATION	--
--	CROUSE-HINDS	VOHP25GP	--	--	--	--	--
Y	NORTHERN LITE	XSNWX24RC56620-MAX	F40DB35SS	2	SURFACE	HIGH SECURITY, .125" POLY OVER .375"	3
--	STAR	53U/D-142-14-125PP/375CTC-12DES	--	--	--	TEMPERED GLASS, ENERGY SAVING	--
--	LPI	SMA848WN99R240-45-UP/DDWN	--	--	--	BALLAST	--

LIGHT FIXTURE SCHEDULE NOTES

1. PROVIDE FIVE SPECIAL SCREWDRIVERS FOR TAMPERPROOF SCREWS AND TURN OVER TO OWNER UPON COMPLETION OF PROJECT.
2. PROVIDE DIRECTIONAL ARROWS AND DOUBLE FACE UNITS AS REQUIRED. PROVIDE REQUIRED UNIT MOUNTING METHOD FOR EACH APPLICALTON, WALL MOUNT (BACKMOUNT) WHEREVER POSSIBLE.
3. MOUNT AT 6'-8" ABOVE FINISHED FLOOR.
4. PROVIDE KW INDUSTRIES ROUND TAPERED STEEL POLES WITH KW K-KLAD BRONZE FINISH. MATCH POLE FINISH TO FIXTURE FINISH. SUPPLY PAINT CHIP OF FIXTURE FINISH TO POLE MANUFACTURER. FUSE FIXTURES AT HAND HOLE IN POLE.
5. PROVIDE KW # RTSP15-8.9-11-K313 POLE.
6. PROVIDE KW # RTSP30-9.0-11-K313 POLE.
7. PROVIDE KW # RTSP50-12.0-7-K313 POLE.
8. MOUNT 14'-0" ABOVE GRADE.
9. DESIGN REFLECTED ON SITE PLAN IS BASED ON EMCO FIXTURES. SUBMIT POINT BY POINT COMPUTER MODEL DESIGN TO ENGINEER FOR APPROVAL BEFORE USING CARDCO OR MCGRAW-EDISON FIXTURES. DESIGN CRITERIA ARE AS FOLLOWS:
   MAX/MIN RATIO = 14.2 : 1
   AVG/MIN RATIO = 4.4 : 1
   AVERAGE MAINTAIN .5 FOOTCANDLES AT .81 MAINTANCE FACTOR.

KEY NOTES

GENERAL NOTES

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 A.I.A.

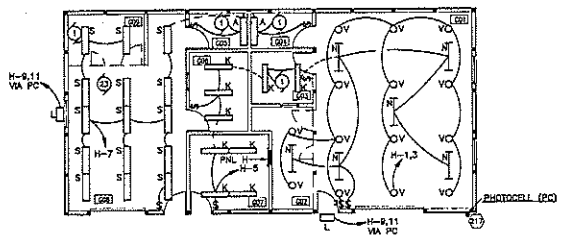
project: A-LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED-DJH DATE 7/20/99
DRAWN-LDJS
CHECKED-DJG
APPROVED-JCB

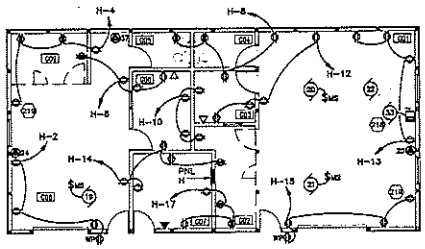
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO. PROJECT 5376 STATE ACCOUNT 110-47-5199-047

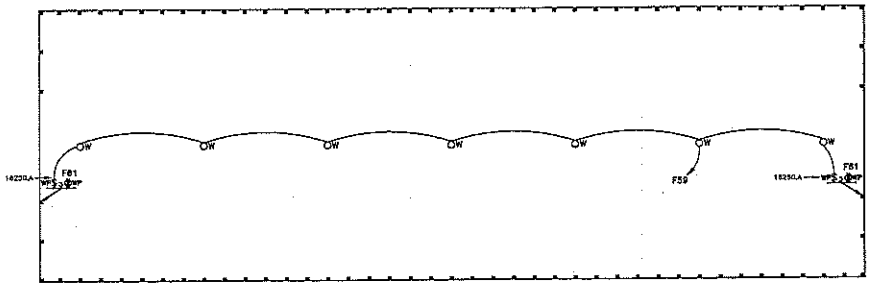
SHEET E115



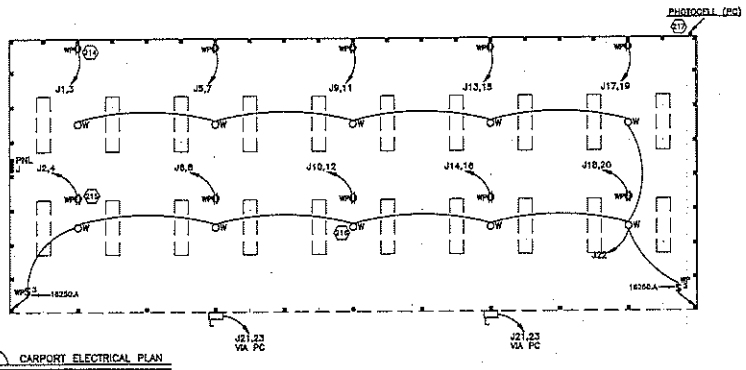
B3 MAINTENANCE BUILDING LIGHTING PLAN
E116 1/8"=1'-0"



B6 MAINTENANCE BUILDING POWER/SYSTEMS PLAN
E116 1/8"=1'-0"



D4 WOOD STORAGE BUILDING ELECTRICAL PLAN
E116 1/8"=1'-0"



F4 CARPORT ELECTRICAL PLAN
E116 1/8"=1'-0"

KEY NOTES

16250LA WEATHER-PROOF SWITCH

GENERAL NOTES

214 MOUNT RECEPTACLE AT 24" AFG. TYPICAL OF FIVE (5).

215 MOUNT RECEPTACLE ON UNDERSIDE OF BOTTOM JOIST. TYPICAL OF FIVE (5).

216 MOUNT FIXTURE ON UNDERSIDE OF BOTTOM JOIST. TYPICAL OF TEN (10).

217 PROVIDE 208 VOLT PHOTOCELL TORK #2002 MOUNT 14'-0" ABOVE GRADE.

218 VERIFY LOCATION OF MOTOR #33 - AIR COMPRESSOR.

219 MINIMUM MOUNTING HEIGHT FOR ALL RECEPTACLES IN MAINTENANCE BUILDING IS 24" AFF.

ROOM NAMES:

001	VEHICLE MAINTENANCE
002	TOOL CRIB
003	OFFICE
004	TOILET
005	TOILET
006	OFFICE
007	WORKCREW STAGING
008	GENERAL MAINTENANCE
009	TOOL CRIB

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
AIA & STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF C
location: IRON COUNTY, MICHIGAN

DESIGNED: D.J.H.
DRAWN: R.J.S.
CHECKED: D.J.S.
APPROVED: J.C.B.

DATE: 7/26/93

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☐ FINAL RECORD ☐

PROJECT: 3378
STATE ACCOUNT: 110-47-5169-047

SHEET: E116

PIPING LEGEND
SYMBOL DESCRIPTION

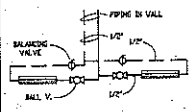
- GATE VALVE
- GATE VALVE
- GLOBE VALVE
- BALANCING VALVE
- BALANCING VALVE
- BALL VALVE
- CHECK VALVE
- THERMOMETER
- PRESSURE GAUGE W/COCK
- AIR VENT (EXTEND TO EASILY ACCESSIBLE LOCATION)
- DRAIN VALVE
- AUTO VALVE (2 WAY)
- AUTO VALVE (3 WAY)
- REDUCER
- STRAINER
- THERMOSTAT (TSTAT)
- SWITCH
- STARTER
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- G — GAS PIPING
- D — CONDENSATE DRAIN

SHEET METAL
SYMBOL DESCRIPTION

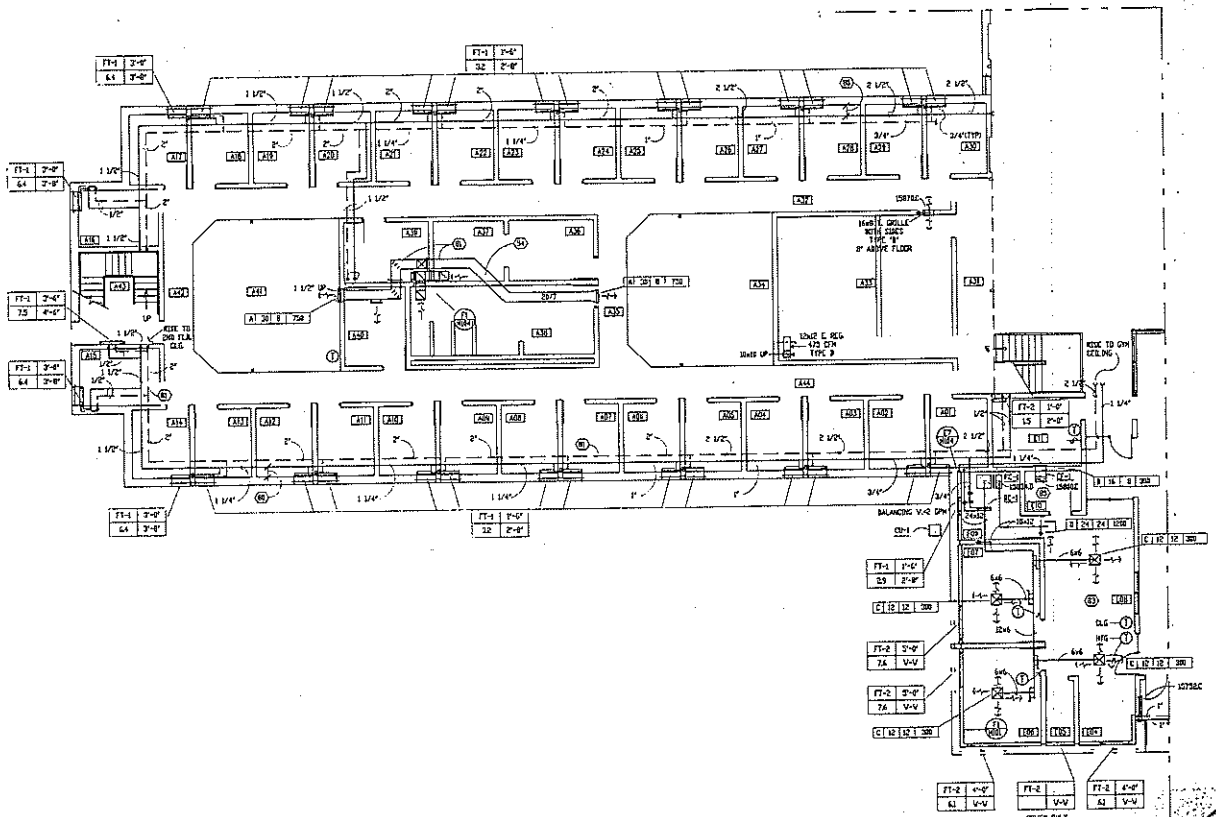
- 12x6 — DUCT-SIDE, 1ST DIMENSION IS THE SIDE SEEN
- 24x10 — DUCT-SIDE, 1ST DIMENSION IS THE SIDE SEEN
- DEFLECTOR
- BALANCING DAMPER
- O.A. OR SUPPLY RISE
- O.A. OR SUPPLY DROP
- EXHAUST OR RETURN RISE
- EXHAUST OR RETURN DROP
- CEILING DIFFUSER
- TURNING VANES
- 1 1/2" R — ALL TURNS W/OUT T-VANES SHALL HAVE 1 1/2 RADIUS
- FIRE DAMPER (HORIZONTAL AIR FLOW)
- FIRE DAMPER (VERTICAL AIR FLOW)

ABBREVIATIONS

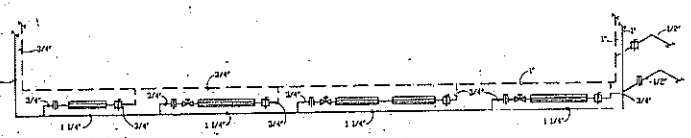
U.C.D.	UNDERCUT DOOR
A.L.D.	ACOUSTICALLY LINED DUCT
E.R.	EXHAUST REGISTER
S.R.	SUPPLY REGISTER
D.G.	DOOR GRILLE
F.P.R.	FINNED PIPE RADIATION
F.D.	FIRE DAMPER
M.D.	MANUAL DAMPER
M.O.D.	MOTOR OPERATED DAMPER



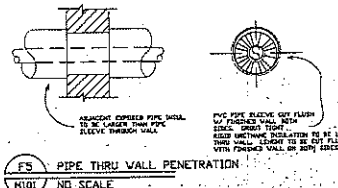
E1 ROOM RADIATORS
M101 NOT-TO-SCALE



E2 MECHANICAL FIRST FLOOR PLAN LEFT WING
M101 1/8"=1'-0"



F1 OFFICE RADIATORS
M101 NOT-TO-SCALE



F5 PIPE THRU WALL PENETRATION
M101 NO SCALE

PLAN LEGEND

- ROOM NUMBERS
- GENERAL NOTES
- REVISION NUMBERS
- 125RLA — MOTOR NOTES
- DETAIL SYMBOL
- TYPE / LENGTH — WIDTH / DIA.
- TYPE / HGH — ELEMENT / ENCLOSURE

ROOM NAMES

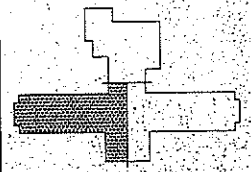
A01-A35	RESIDENT ROOM	E01	VESTIBULE
A02	CORRIDOR	E02	CORRIDOR
A32	CORRIDOR	E03	GAMES STATION
A33	RESIDENT STORE	E04	WAITING
A34	PASSIVE RECL.	E05	STORAGE
A35	CORRIDOR	E06	OFFICE
A36	BRIEFING	E07	OFFICE
A37	SHOWER	E08	CLERICAL
A38	TOILET	E09	SECURE STORAGE
A39	JANITOR	E10	CLOCK ROOM
A40	COUNCIL	E11	GROOMING
A41	PASSIVE RECL.		
A42	CORRIDOR		
A43	STAIR		
A44	CORRIDOR		

KEYED NOTES

15758C - 4X32X16, 7.2 MIN SCHS-RECESSED CONV. W/ 8" DXD POCKET TYPE 33
15758E - 4 1/2"X7" THROUGH ROOF TO ROOF CAP STYLE C 600-93
15874B - COILS
15875C - TRANSFER GRILLE

GENERAL NOTES

(G1) AS CLOSE AS POSSIBLE (TYP.)
(G2) ALL EXPOSED DUCTS AND PIPING SHALL RUN PARALLEL TO WALLS. HOLD DUCTS TIGHT TO BOTTOM OF CONCRETE SLABS
(G3) SEE REFLECTED CEILING PLAN FOR LOCATIONS (R/A01)
(G5) FURNISH AND INSTALL PREFABRICATED ROOF CURBS FOR ALL F.S.V., EXHAUST HOODS, RELIEF HOODS, AND FRESH AIR INTAKES.
(G4) ROUTE TO AVOID CONFLICT WITH PLUMBING LINES



KEY PLAN

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
700 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-1400 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

RESIGNED	MPH	
DRAWN	AB	DATE
CHECKED	JCS	7/26/99
APPROVED	JCS	

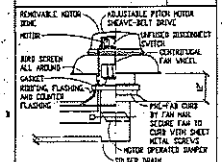
ISSUED FOR:
PRELIMINARY
CONSTRUCTION
FINAL RECORD

SHEET: M101
PROJECT NO. 5402
STATE ACCOUNT NO. 110-47-5199-047

FILENAME
PLOT DATE

RECT. DUCT CONSTRUCTION

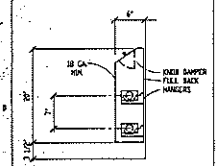
LONGEST SIDE-INCH	U.S. STD. GA.	BRACING INCHES ANGLE SIZE	SPACING
THRU-12"	26	—	—
13-18	24	—	—
19-30	24	1x1x1/8	60
31-42	22	1x1x1/8	60
43-54	22	1 1/2x1 1/2x1/8	48
55-60	20	1 1/2x1 1/2x1/8	48
61-84	20	1 1/2x1 1/2x1/8	30
85-96	18	1 1/2x1 1/2x3/16	30
96-UP	18	2x2x1/4	30



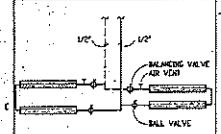
B1 PRV DETAIL
M102 NOT-TO-SCALE

PIPE SUPPORT SCHEDULE:

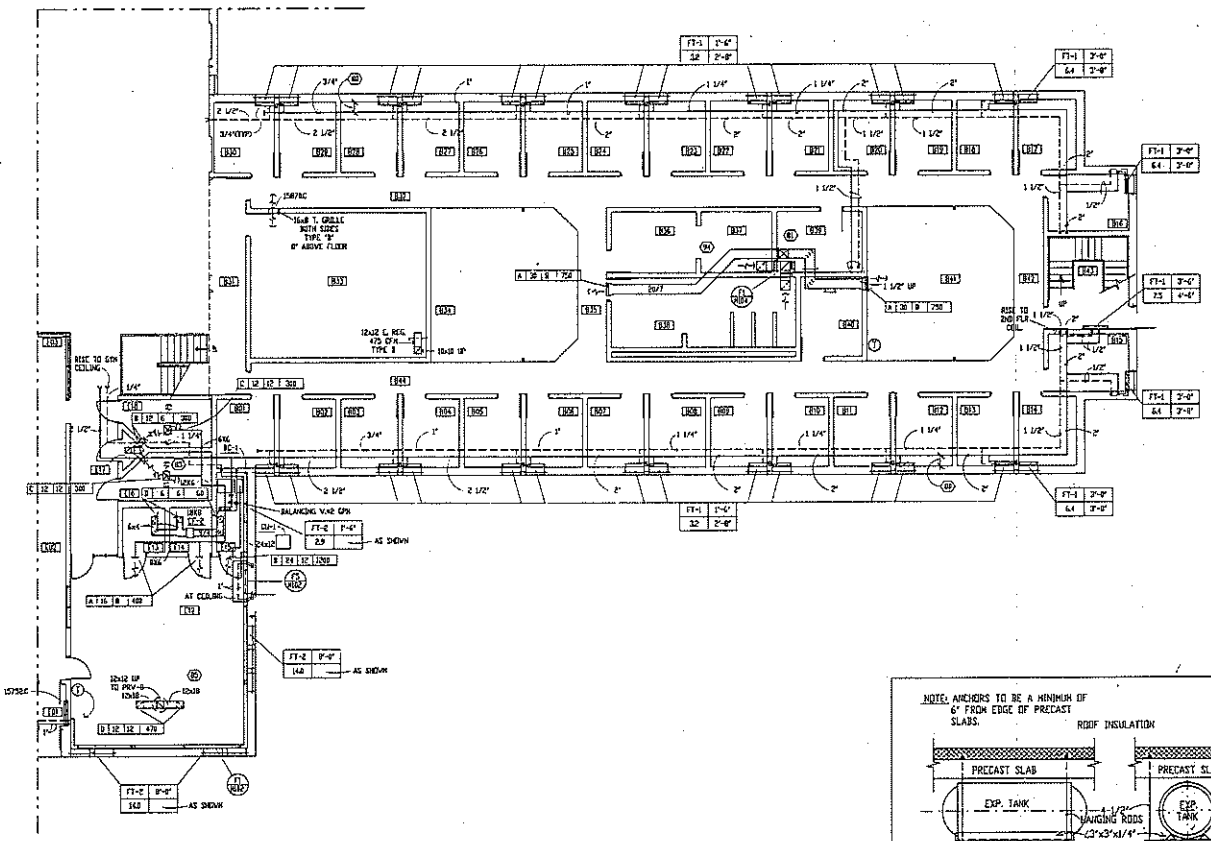
PIPE SIZE	SUPPORT SPACING STEEL(FT)	COPPER(FT)	HANGER ROD SIZE
1/2"	5	6	3/8"
3/4"	6	8	3/8"
1"	7	8	3/8"
1 1/4"	8	10	3/8"
1 1/2"	9	10	3/8"
2"	10	10	3/8"
2 1/2"	11	12	1/2"
3"	12	12	1/2"
4"	14	12	5/8"
5"	16	12	5/8"
6"	17	14	3/4"



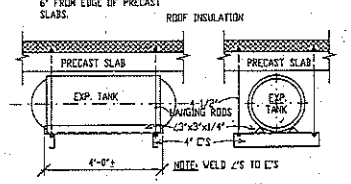
D1 FT-1 DETAIL
M102 1"=1'-0"



E1 TYP. DOWN FLOW RAD'N
M102 NOT-TO-SCALE



E2 MECHANICAL RIGHT WING FIRST FLOOR PLAN
M102 1/8"=1'-0"



E7 EXPANSION TANK DETAIL
M102 NONE

KEYED NOTES

15T52C 4x32x2, 7.2 KBH SCW-RECESSED CONV. W/ 8" EXP. POCKET TYPE 2C
15B7A2 CD1.5
15B7B2 TRANSFER GRILLE

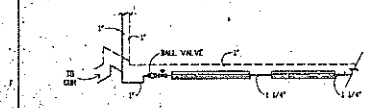
GENERAL NOTES

(80) AS CLOSE AS POSSIBLE (TYP.)
(81) ALL EXPOSED DUCTS AND PIPING SHALL RUN PARALLEL TO WALLS, HOLD DUCTS TIGHT TO BOTTOM OF CONCRETE SLABS
(82) SEE REFLECTED CEILING PLAN FOR LOCATIONS
(83) FURNISH AND INSTALL PREFABRICATED ROOF CURBS FOR ALL P.R.V., EXHAUST HOODS, RELIEF HOODS, AND FRESH AIR INTAKES
(84) ROUTE TO AVOID CONFLICT WITH PLUMBING LINES.

ROOM NAMES

301-330	RESIDENT ROOM	E01	VESTIBULE
301	CORRIDOR	E02	CORRIDOR
302	CORRIDOR	E03	GUARD STATION
303	RESIDENT STORC.	E04	VISITING
304	PASSIVE REC.	E05	MENS ROOM
305	CORRIDOR	E06	WOMENS ROOM
306	INCEILING	E07	MECH/STORAGE
307	SHOWER	E08	TEMP. DETENTION
308	TOILET	E09	SERVICE
309	JANITOR	E10	TEMP. DETENTION
340	CORRIDOR		
341	PASSIVE REC.		
342	CORRIDOR		
343	STAIR		
344	CORRIDOR		

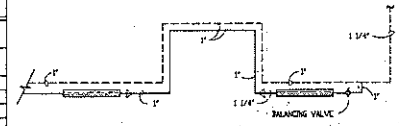
KEY PLAN



F1 WALL PIPING ELEVATION
M102 NOT-TO-SCALE

GRILLES, REGISTERS, & DIFFUSERS SCHEDULE

TYPE	DESCRIPTION	DAMPER	MATL	FINISH	REMARKS
A	SIDEWALL SUPPLY, 1 1/4" FRAME, HORIZ. FACE 4 WAY ADJUST	YES	STL	PRIME	OFF WHITE
B	SIDEWALL RETURN, 1 1/4" FRAME, HORIZ. FACE	NO	STL	PRIME	11 GA. GYM TYPE
C	CEILING SUPPLY, 4-WAY	YES	STL	PRIME	
D	RETURN-EXHAUST 1/2" EGG CRATE	YES	ALUM	PRIME	
E	DRUM LOUVER, GYM SUPPLY	YES	STL	PRIME	
DG	DOOR GRILLE, SITE PROOF	NO	STL	PRIME	
INTAKE LVR					6" DEEP LVR. PROVIDE DRIP EDGE. DEPTH TO SUIT WALLS.



F5 DOOR PIPING ELEVATION
M102 NOT-TO-SCALE

FINNED PIPE RADIATION SCHEDULE

TYPE	CABINET DEPTH	CABINET HGHT	BTUH/FT 190°AV.W.	ELEM.	MTG. HGHT. FL. TO BOTT.
FT-1	SLOPE TOP W/DMPR	6"	20"	2150	COPPER ALUM 3 1/2"
FT-2	SLOPE TOP W/KNOB DMPR	6"	20"	1750	COPPER ALUM 3 1/2"

REMARKS: FT-1 2 ELEMENTS 6" C/C 3/4" C-2 3/4" X 4 1/4"-48
FT-2 1 ELEMENT 1 1/4" C-2 3/4" x 4 1/4"-48

NOTES: FT-1 CAP. IS BASED ON A 15° CHANGE IN TEMPERATURE.
FT-2 CAP. IS BASED ON A 20° CHANGE IN TEMPERATURE.
PROVIDE 2 FT. ACCESSIBLE END CAPS ON F.P.R. ENCLOSURES 8 FT. & LONGER.
PROVIDE ALL ENCLOSURES W/DAMPERS EXCEPT ON UNITS THAT ARE CONTROLLED W/AUTO VALVES AS INDICATED ON PLANS.

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
700 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-2000 FAX

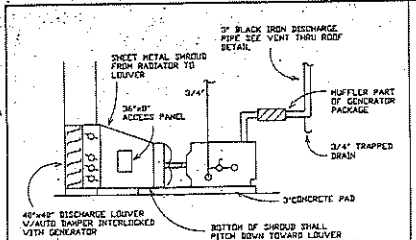
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: LPM
DRAWN: JB
CHECKED: JB
APPROVED: JB
DATE: 7/14/97

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

CONTRACT NO. 5402
PROJECT NO. 5195-047
STATE ACCOUNT NO. 110-47-

SHEET M102



B1 GENERATOR SECTION
M103 NOT-TO-SCALE

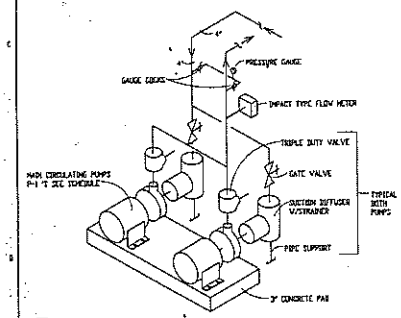
UNIT HEATER SCHEDULE

UNIT #	TYPE	MBH	CFM	HP	#-VOLTS	BRANCH HVS	BRANCH HVR	GPM
UH-1	HORIZ.	34.6	815	1/20	1-120	1"	1"	3.56
UH-2	HORIZ.	191	948	1/20	1-120	3/4"	3/4"	2.08
UH-3	HORIZ.	115.3	2388	1/6	1-120	1 1/4"	1 1/4"	12.06

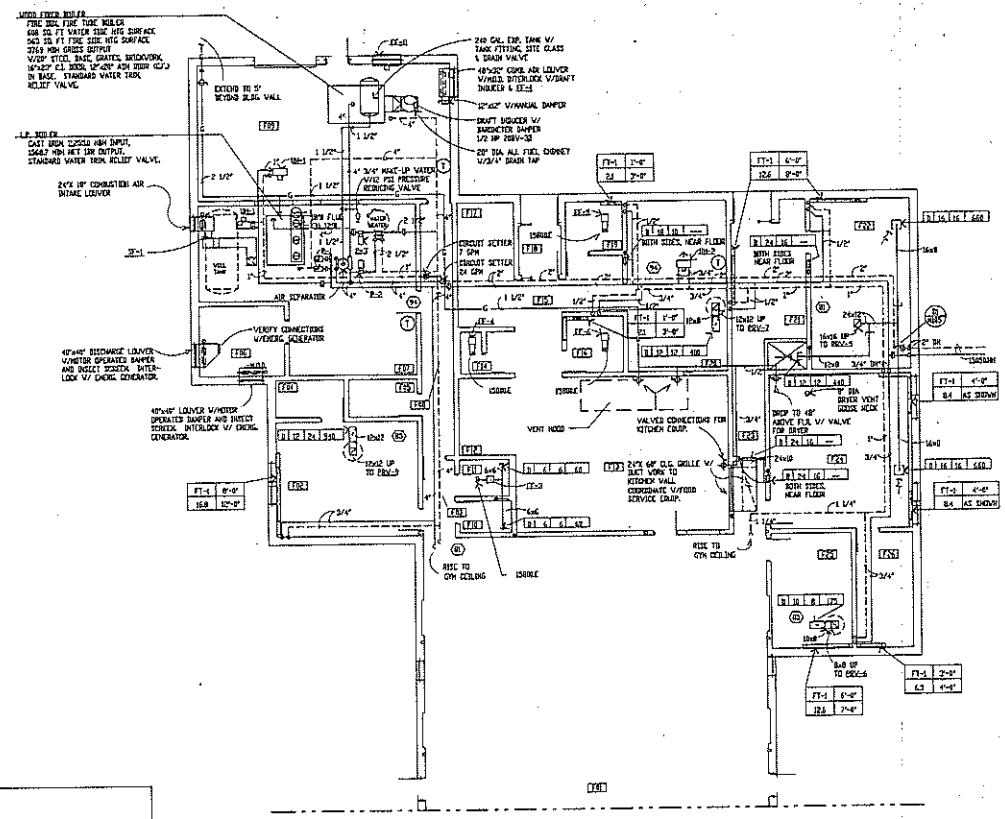
REMARKS: 200F EWT, 20F CHANGE IN TEMPERATURE, THERMOSTAT CONTROLLED

SUPPLY FAN SCHEDULE

UNIT #	TYPE	CFM	HP	#-VOLTS	REMARKS
SF-1	BLOWER	375	1/20	1-120	INTERLOCK W/ PROPANE BOILER



D1 MAIN CIRCULATING PUMPS DETAIL
M103 NOT-TO-SCALE



E4 MECHANICAL BACK WING FLOOR PLAN
M103 1/8"=1'-0"

KEYED NOTES

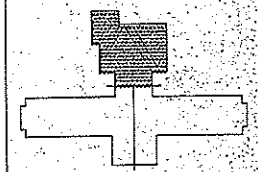
150GLC 4 1/2"X9" THROUGH ROOF TO ROOF CAP STYLE C 9C-C
150TGC TRANSFER GRILLE
150CGLC PREINSULATED, DIRECT BURIED HOT WATER PIPING SYSTEM TO MAINTENANCE BUILDING

GENERAL NOTES

01 ALL EXPOSED DUCTS AND PIPING SHALL RUN PARALLEL TO WALLS, HELD DUCTS TIGHT TO BOTTOM OF CONCRETE SLABS.
02 FURNISH AND INSTALL PREFABRICATED ROOF CURBS FOR ALL P.R.V., EXHAUST HOODS, RELIEF HOODS, AND FRESH AIR INTAKES.
03 ROUTE TO AVOID CONFLICT WITH PLUMBING LINES.

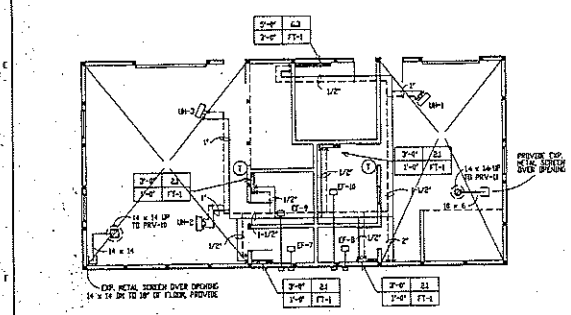
ROOM NAMES

F01	REC/DINING	F14	TOILET
F02	ART/CRAFTS	F15	CORRIDOR
F03	CORRIDOR	F16	OFFICE
F04	STORAGE	F17	FREEZER
F05	HAZARD STOR.	F18	VESTIBULE
F06	GENERATOR RM	F19	JAN/STOR.
F07	MECHANICAL	F20	FOOD STORAGE
F08	CORRIDOR	F21	STAGING AREA
F09	BOILER ROOM	F22	CONT. SUPPLY
F10	JANITOR	F23	CORRIDOR
F11	STAFF TOILET	F24	LAUNDRY
F12	REFRIGERATOR	F25	MEDICAL
F13	KITCHEN	F26	CLEAN LINEN



KEY PLAN

REVISIONS:

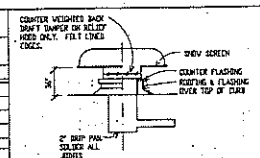


F1 MAINTENANCE BUILDING
M103 1/8" = 1'-0"

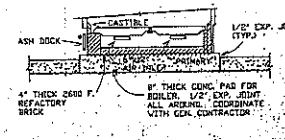
PUMP SCHEDULE

UNIT NO.	TYPE OF SERVICE	HEAD FT. OF H_2O	GPM	OPER. TEMP. °F	RPM	MOTOR HP	MOTOR VOLTS	MOTOR Ø	MOTOR HZ
P-1	HOT H_2O	50	224	200°	1750	7 1/2	208	3	60
P-2		12	26	200°	1750	1/3	120	1	60
P-3		11	60	200°	1750	1/4	120	1	60
P-4		15	20	200°	1750	1/6	120	1	60

NO.	TYPE	LOCATION	REMARKS
P-1	BASE MOUNT	MECHANICAL F07	2 REQ'D
P-2	IN-LINE		
P-3	IN-LINE		
P-4	IN-LINE		2 REQ'D



F6 AIR INTAKE/RELIEF HOOD
M103 NOT-TO-SCALE



F7 BOILER BASE DETAIL
M103 NOT-TO-SCALE

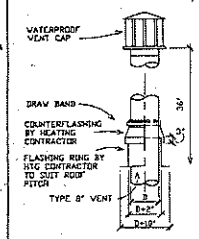
STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 ALL

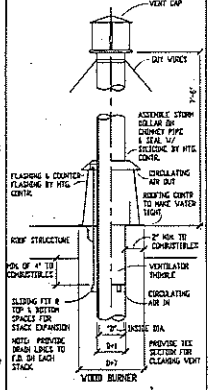
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

		DATE	ISSUED FOR
DESIGNED:	JN		
DRAWN:	JD		
DESIGNED:	JD	7/24/95	PRELIMINARY ☐
APPROVED:	JD		PRELIMINARY ☐
			FINAL RECORD ☐

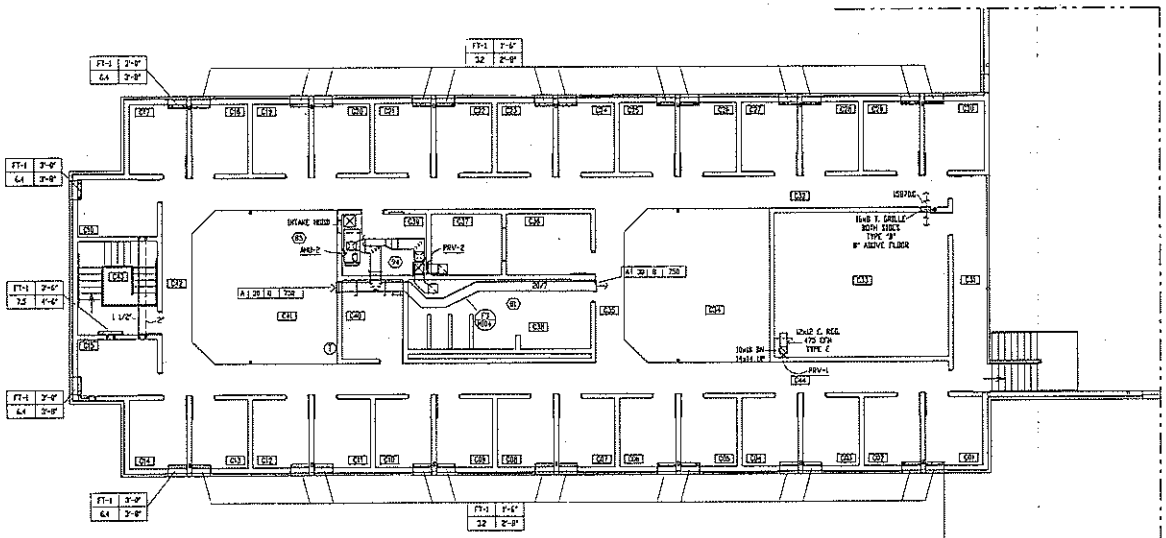
SHEET: M103
REFERENCE NO.
PROJECT: 94-02
STATE ACCOUNT: 1110-17-3190-647



B1 ROOF VENT
M104 NOT-TO-SCALE



D1 VENT THRU ROOF
M104 NOT-TO-SCALE



D2 MECHANICAL LEFT WING SECOND FLOOR PLAN
M104 1/8"=1'-0"

KEYED NOTES

15070C TRANSFER GRILLE

GENERAL NOTES

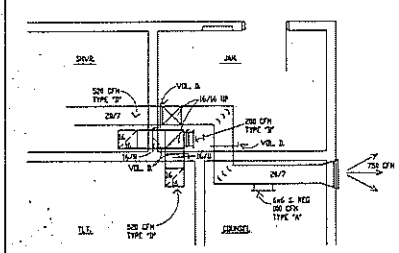
(93) ALL EXPOSED DUCTS AND PIPING SHALL RUN PARALLEL TO WALLS, HELD DUCTS TIGHT TO BOTTOM OF CONCRETE SLABS.

(95) FURNISH AND INSTALL PREFABRICATED ROOF CURBS FOR ALL F&V, EXHAUST HOODS, RELIEF HOODS, AND FRESH AIR INTAKES.

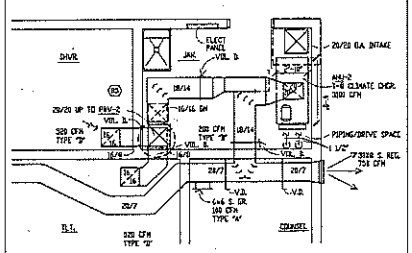
(94) ROUTE TO AVOID CONFLICT WITH PLUMBING LINES.

ROOM NAMES

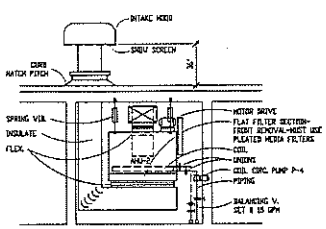
C20-C30	RESIDENT ROOM
C31	CORRIDOR
C32	CORRIDOR
C33	PERSONAL STOR.
C34	PASSIVE REC.
C35	CORRIDOR
C36	VESTIBULE
C37	SHOWER
C38	TOILET
C39	JAN/FAN ROOM
C40	COUNSEL
C41	PASSIVE REC.
C42	CORRIDOR
C43	STAIR
C44	CORRIDOR



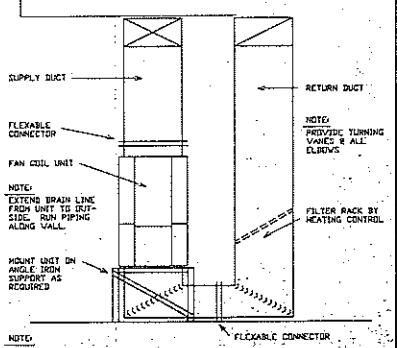
F1 SHOWER/TOILET PLAN (LOWER LEVEL)
M104 1/4"=1'-0"



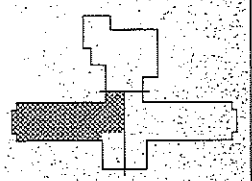
F3 SHOWER/TOILET PLAN (UPPER LEVEL)
M104 1/4"=1'-0"



F5 SHOWER/TOILET AHU DETAIL
M104 1/4"=1'-0"



F7 FAN COIL UNIT DETAIL
M104 NO SCALE



KEY PLAN

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
1015 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 (906) 774-1100 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

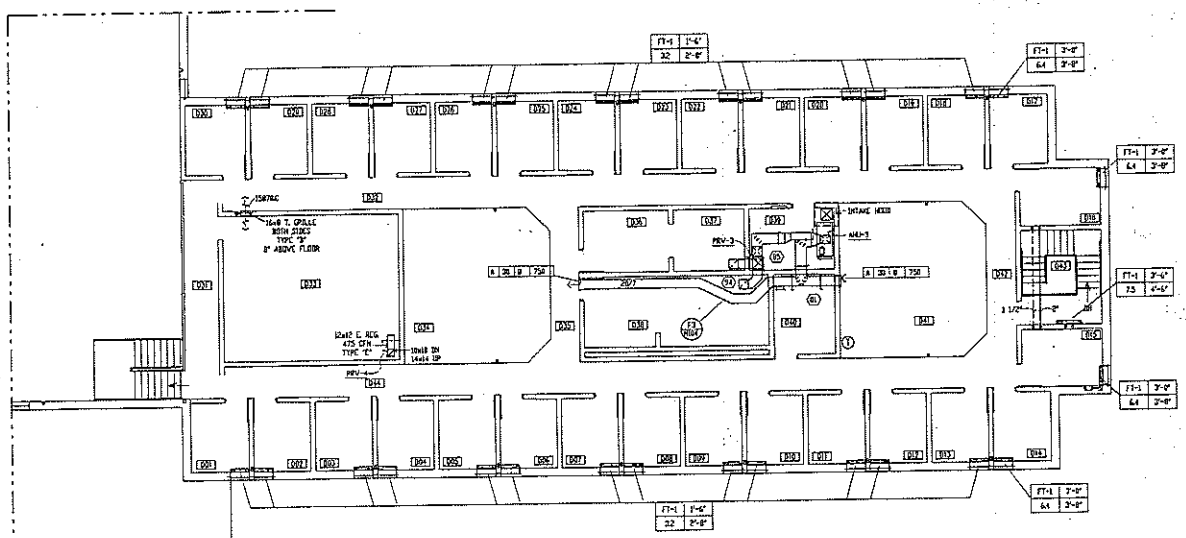
DESIGNED: JWL
DRAWN: JB
SPECIFIED: JB
APPROVED: JB
DATE: 7/26/99

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

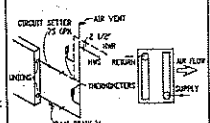
CONTRACTOR NO.
PROJECT NO. F-1027
STATE NO. 110-47-5193-147

SHEET: M104

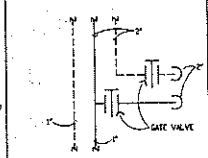
PLOT DATE
FILENAME



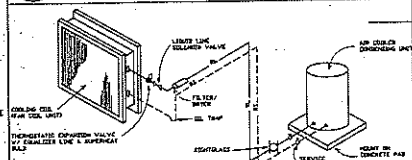
D2 MECHANICAL RIGHT WING SECOND FLOOR PLAN
F105 1/8"=1'-0"



C1 PIPING TO AHU-1
M105 NOT-TO-SCALE



D1 DETAIL
M105 NOT-TO-SCALE



E1 COOLING COIL & AIR COOLED CONDENSING UNIT CONNECTION DETAIL
F105 NO SCALE

AIR-COOLED COMPRESSOR-CONDENSER UNIT SCHEDULE

UNIT NO.	CAPACITY BTU/HR	SUCTION TEMP. °F	COMPRESSOR NO.	COMPRESSOR KW	COMPRESSOR VOLTAGE	F.L.A.	L.R.A.	CONDENSER NO.	CONDENSER KW	CONDENSER VOLTAGE	E.E.R.	WEIGHT	REMARKS
CU-1	34,000	40	1	3.9	208-3	12.0	67.5	1	0.9	208-3	8.6	177#	

FAN-COIL SCHEDULE

UNIT NO.	FAN SECTION CFM	O.A. CFM	E.S.P.	HP	VOLTS-Ø/	WGT.	COIL SECTION E.A.T.	L.A.T.	A.R.J. CAP	E.E.R.	VOLTS-Ø/	REFRIG. PIPING	WGT.	HEATING SECTION	REMARKS
FC-1	1200	0	0.5	1/3	208-1	114	80 DB 67 WB	60 DB 59.5 WB	34.0	8.6	208-1	7/8" S 3/8" L			

BOOSTER COIL SCHEDULE

UNIT NO.	SERVICE	TYPE	SIZE Hxl.	CFM	MAX F.V.	EAT DB/WB	LAT DB/WB	MBH	MAX APD	GPM	REMARKS
BC-1	HEATING	HOT WATER	24x12	1200	500	60° DB	80° DB	26.0	0.15"	2.0	

FAN SCHEDULE

UNIT NO.	LOCATION	DUTY	CFM	S.P.	TYPE	CURB	HP-Ø-V	REMARKS
PRV-1	SEE PLAN	EXHAUST	950	0.375"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-2		EXHAUST	2480	0.375"	BELT DRIVE	PREFAB	1/3-1-120	
PRV-3		EXHAUST	2480	0.375"	BELT DRIVE	PREFAB	1/3-1-120	
PRV-4		EXHAUST	950	0.375"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-5		EXHAUST	1760	0.375"	BELT DRIVE	PREFAB	1/3-1-120	
PRV-6		EXHAUST	175	0.25"	DIRECT DRIVE	PREFAB	1/20-1-120	
PRV-7		EXHAUST	400	0.25"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-8		EXHAUST	940	0.25"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-9		EXHAUST	940	0.25"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-10		EXHAUST	1080	0.375"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-11		EXHAUST	1050	0.25"	BELT DRIVE	PREFAB	1/4-1-120	
PRV-12		EXHAUST	240	0.25"	DIRECT DRIVE	PREFAB	1/20-1-120	

FAN SCHEDULE

UNIT NO.	LOCATION	DUTY	CFM	S.P.	TYPE	CURB	HP-Ø-V	REMARKS
EF-1	SEE PLAN	EXHAUST	125	0.25"	CEILING		64W-1-120	W/B.D.D. & ROOF CAP VERIFY PITCH
EF-2		EXHAUST	120	0.25"	IN-LINE CEILING		64W-1-120	W/B.D.D. & ROOF CAP VERIFY PITCH
EF-3		EXHAUST	120	0.25"	IN-LINE CEILING		64W-1-120	W/B.D.D. & ROOF CAP VERIFY PITCH
EF-4		EXHAUST	80	0.15"	CEILING		36W-1-120	W/B.D.D. & ROOF CAP VERIFY PITCH
EF-5		EXHAUST	120	0.25"	CEILING		64W-1-120	W/B.D.D. & ROOF CAP VERIFY PITCH
EF-6		EXHAUST	120	0.25"	CEILING		64W-1-120	W/B.D.D. & ROOF CAP VERIFY PITCH
EF-7		EXHAUST	120	0.25"	CEILING		64W-1-120	W/B.D.D. & WALL CAP
EF-8		EXHAUST	120	0.25"	CEILING		64W-1-120	W/B.D.D. & WALL CAP
EF-9		EXHAUST	120	0.25"	CEILING		64W-1-120	W/B.D.D. & WALL CAP
EF-10		EXHAUST	120	0.25"	CEILING		64W-1-120	W/B.D.D. & WALL CAP
EF-11		EXHAUST	2500	0.25"	PROP		1/4-1-120	GRAV. SHUTTER
EF-12		EXHAUST	120	0.25"	IN-LINE		64W-1-120	W/B.C.C. & ROOF CAP VERIFY PITCH

KEYED NOTES

15876C TRANSFER GRILLE

GENERAL NOTES

(B2) ALL EXPOSED DUCTS AND PIPING SHALL RUN PARALLEL TO WALLS. HELD DUCTS TIGHT TO BOTTOM OF CONCRETE SLABS.

(B3) FURNISH AND INSTALL PREFABRICATED ROOF CURBS FOR ALL F.R.V., EXHAUST HOODS, RELIEF HOODS, AND FRESH AIR INTAKES.

(S4) ROUTE TO AVOID CONFLICT WITH PLUMBING LINES.

ROOM NAMES

D01-D30 RESIDENT ROOM
D31 CORRIDOR
D32 CORRIDOR
D33 PERSONAL STOR.
D34 PASSIVE REC.
D35 CORRIDOR
D36 DRESSING
D37 SHOWER
D38 TOILET
D39 JANITOR ROOM
D40 COUNSEL
D41 PASSIVE REC.
D42 CORRIDOR
D43 STAIR
D44 CORRIDOR

KEY PLAN

REVISIONS:

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

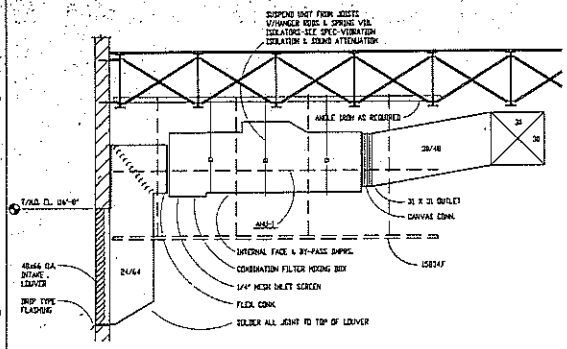
ASSOCIATES ARCHITECTS
BLOMQUIST NELSON
202 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1030 A.I.A.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: VPN
DRAWN: JB
CHECKED: B.
APPROVED: B.
DATE: 7/24/03

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

SHEET: M105
IDENTIFICATION NO.: 5402
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047



B1 AHU-1 DETAIL
M106 NOT TO SCALE

MOTOR & STARTER SCHEDULE

UNIT NO.	*EQUIPMENT DESCRIPTION	EQUIPMENT LOCATION	STARTER LOCATION	MOTOR HP	MOTOR Ø	MOTOR VOLT	REMARKS
1	AHU-1	ABOVE E03	E03	15	3	208	INTERLOCK W/ KITCHEN EXHAUST HOOD
2	AHU-2	C39	C39	1 1/2	3	208	
3	AHU-3	D39	D39	1 1/2	3	208	
4	PRV-1	ROOF C33	C39	1/4	1	120	
5	PRV-2	ROOF C39	C39	1/3	1	120	
6	PRV-3	ROOF D39	D39	1/3	1	120	
7	PRV-4	ROOF D33	D39	1/4	1	120	
8	PRV-5	ROOF F22	F22	1/3	1	120	
9	PRV-7	ROOF F25	F25	1/20	1	120	
10	PRV-7	ROOF F20	F20	1/4	1	120	
11	PRV-8	ROOF E12	E12	1/4	1	120	
12	PRV-9	ROOF F04	F04	1/4	1	120	
13	PRV-10	OUT BUILDING		1/4	1	120	
14	PRV-11	OUT BUILDING		1/4	1	120	
15	EF-1 THRU EF-10	SEE PLANS	NONE	REQUIRED			INTERLOCK W/ROOM LIGHT SWITCH
16	EF-11	F09	F09	1/4	1	120	
17	P-1	F07	F07	7 1/2	3	208	
18	P-2	F07	F07	1/3	1	120	
19	P-3	F07	F07	1/4	1	120	
20	P-4	C39 D39	C39 D39	1/6	1	120	
21	DRAFT INDUCER	F09	F09	1/2	3	208	

UNIT NO.	STARTER DATA: NO. REQ'D	TYPE	NEMA ENCLS.	SURF. MTD.	AUX. CONTACTS	H.O.A. SWITCH	CONTROLLED: MANUAL	INTEGRAL	AUTO T.C.	INTERL. W/ MOTOR NO.
1				●	●	●			●	
2				●	●	●			●	
3				●	●	●			●	
4				●	●	●			●	5
5				●	●	●			●	2
6				●	●	●			●	3
7				●	●	●			●	3
8				●	●	●			●	
9				●			●			
10				●			●			
11				●			●			
12				●			●			
13				●			●			
14				●			●			
15										
16				●	●		●			
17				●	●	●			●	
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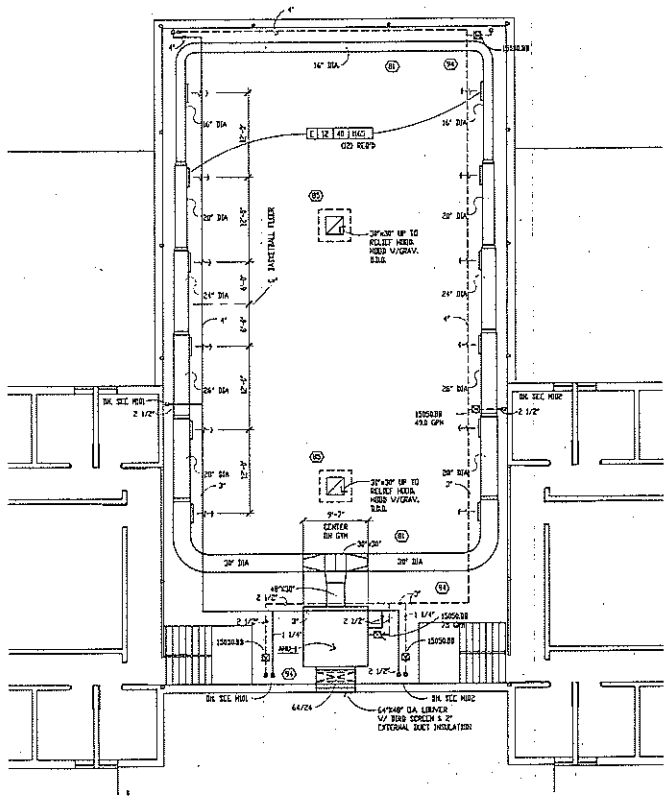
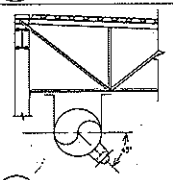
21				●	●	●			●	16



E4 ACTIVE REC/DINING ROOM MECHANICAL PLAN
M106 1/8"=1'-0"



F4 GYM LOUVER
M106 NOT-TO-SCALE

AIR HANDLING UNIT SCHEDULE

UNIT NO.	SUPPLY FAN: TOTAL CFM	O.A. CFM	E.S.P. *	TYPE	DIA.	OUT VEL. FPM	HP	VOLTS	Ø	HEATING COIL: FACE AREA (FT²)	MAX. VEL. FPM	MAX. PRESS. DROP IN H2O	E.A.T. °F	L.A.T. °F	CAP. MBH	E.W.T.	L.W.T.	GPM	MAX. H2O DROP FT. H2O	REMARKS
AHU-1	14,000	2000 TO 14,000	1.00	FC	1-25"	2100	5 1/2	208	3	17.0	600	1.00	-20	110	1205	200°	160°F	61	3.0	W/OPTIONAL FACE & BY-PASS DAMPERS, COMB. FILTER-MIXING BOX. **
AHU-2	3,100	3,100	.75	FC	1-15"	1100	1 1/2	208	3	5.5	565	0.3	-20	80	304.8	200°	160°F	16	7.0	W/OPTIONAL FACE & BY-PASS DAMPERS, COMB. FILTER-MIXING BOX. **
AHU-3	3,100	3,100	.75	FC	1-15"	1100	1 1/2	208	3	5.5	565	0.3	-20	80	304.8	200°	160°F	16	7.0	W/OPTIONAL FACE & BY-PASS DAMPERS, COMB. FILTER-MIXING BOX. **

* E.S.P.=EXTERNAL STATIC PRESS-DOES NOT INCLUDE DAMPERS, FILTERS, COIL OR CASING PRESSURE LOSSES.
** ; SEE SPEC FOR CONTROL INTERLOCK W/KITCHEN HOOD

KEYED NOTES

15050B0 CIRCUIT SETTER
15034F CATWALK AS REQUIRED FOR MAINTENANCE OF AHU-1

GENERAL NOTES

01 ALL EXPOSED DUCTS AND PIPING SHALL RUN PARALLEL TO WALLS
05 FURNISH AND INSTALL PREFABRICATED ROOF CURBS FOR ALL P.R.V., EXHAUST HOODS, RELIEF HOODS, AND FRESH AIR INTAKES
94 ROUTE TO AVOID CONFLICT WITH PLUMBING LINES

KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON: ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7000 F.A.X.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

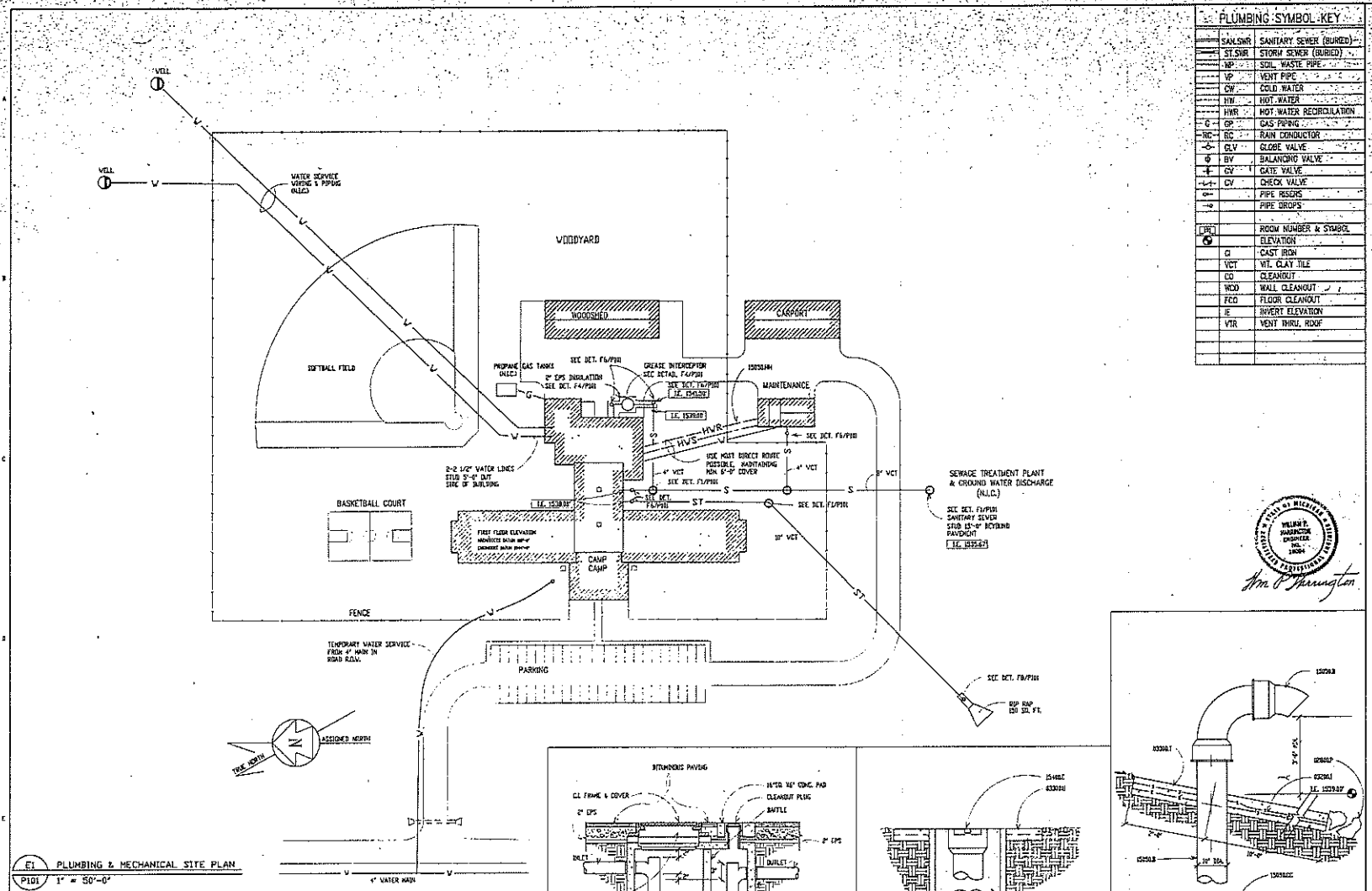
DESIGNED: VPK
DRAWN: JD
CHECKED: AT
APPROVED: KS
DATE: 7/26/01

ISSUED FOR:
PRELIMINARY
CONSTRUCTION
PMIL RECORD

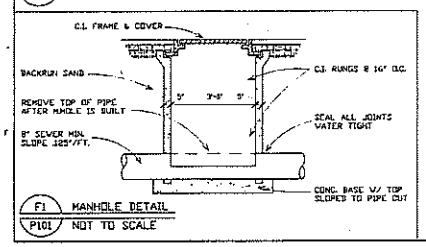
REVISIONS:

SUBJECT:
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047

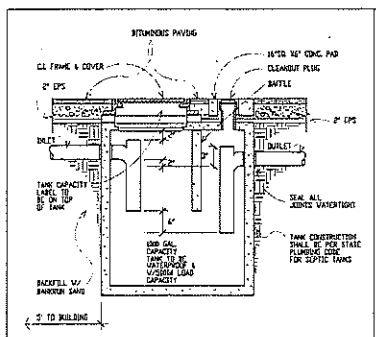
M106



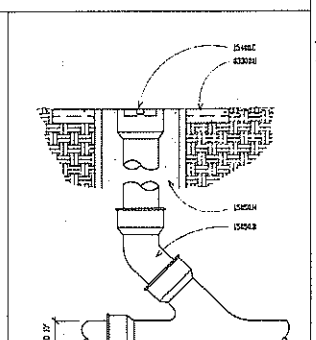
E1 PLUMBING & MECHANICAL SITE PLAN
P101 1" = 50'-0"



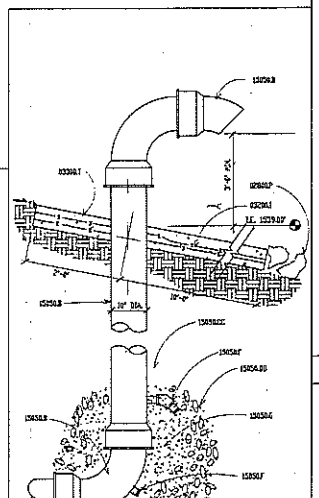
F1 MANHOLE DETAIL
P101 NOT TO SCALE



F4 GREASE INTERCEPTOR
P101 NOT TO SCALE



F6 YARD CLEANOUT DETAIL
P101 NOSCALE



F8 ROOF DRAIN TERMINAL DETAIL
P101 NOSCALE

PLUMBING SYMBOL KEY

	SAN.SWR	SANITARY SEWER (BURIED)
	ST.SWR	STORM SEWER (BURIED)
	WP	SOIL, WASTE PIPE
	VP	VENT PIPE
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RECIRCULATION
G	GP	GAS PIPING
RC	RC	RAIN CONDUCTOR
	GLV	GLOBE VALVE
	BV	BALANCING VALVE
	GV	GATE VALVE
	CV	CHECK VALVE
		PIPE RISERS
		PIPE DROPS
101		ROOM NUMBER & SYMBOL
		ELEVATION
	CI	CAST IRON
	VCT	VIT. CLAY TILE
	CO	CLEANOUT
	WCO	WALL CLEANOUT
	FCO	FLOOR CLEANOUT
	IE	INVERT ELEVATION
	VTR	VENT THRU. ROOF

KEYED NOTES

02060P	RIP-RAP OVER SED. SEPARATOR
03030J	8" LAYING CONC. WALL
03030J	3'-0"X2'-0"X4" SPLASH BLOCK BY GEN. CONTRACTOR
03030J	12"X12"X4" CONCRETE PAD
15050.B	CAST IRON PIPE
15050.F	1 1/2" DRAIN
15050G	MINIMUM 2 YDS. OF GRAVEL
15050H	PVC FILLED W/ 2" OF VERMICULITE SEDIMENTED AT FROST PROTECTION
15050.C	6 MIL. PVC SHEETING OVER GRAVEL
15050.D	3'-0"x3' VOLUME OF GRAVEL BY PLUMBER, SEE 1" MAX.
15050H	PRENGINEERED SUMPS, SUMP PUMPS, HOT WATER PIPING SYSTEM
15050.C	BRASS CLEANOUT

GENERAL NOTES

REVISIONS:

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

BLOMQUIST, NELSON, ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7050 FAX

DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

DESIGNED: VTR
DRAWN: JN
CHECKED: JN
APPROVED: RT

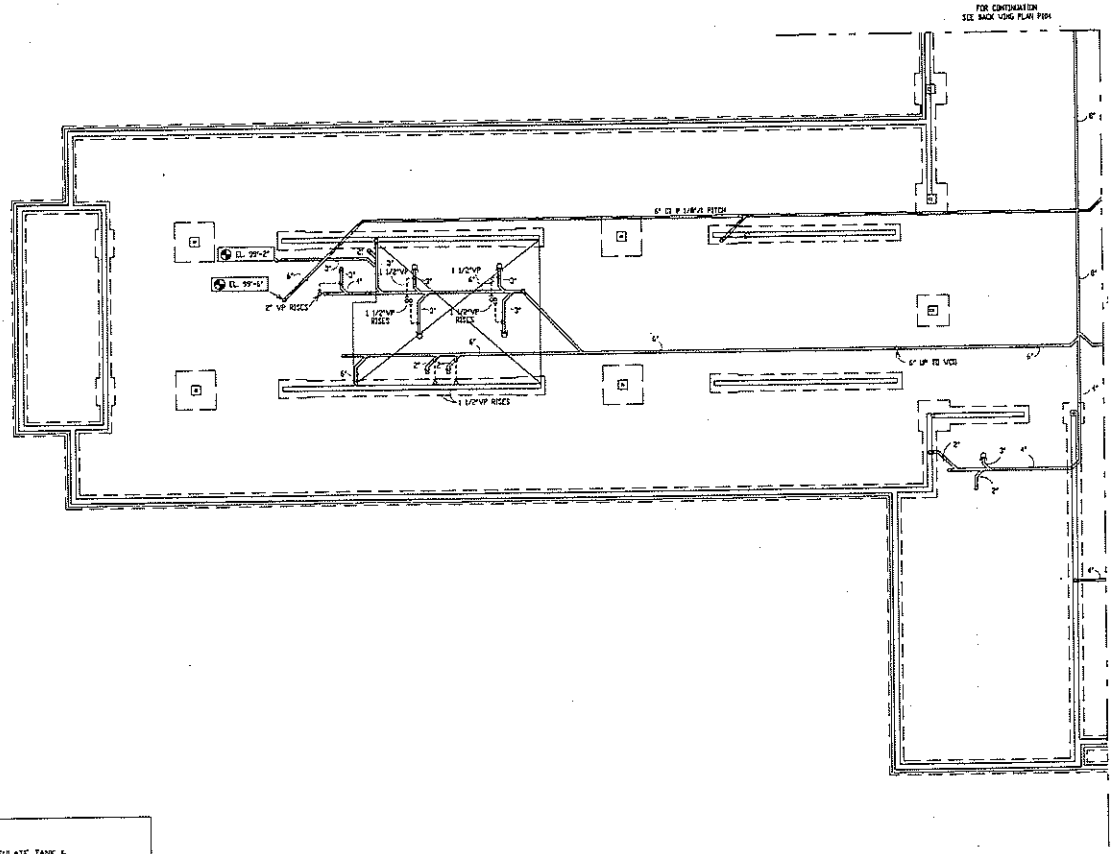
DATE: 7/20/99

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

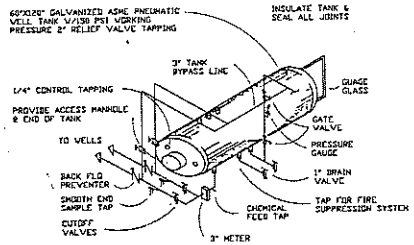
IDENTIFICATION NO.
PROJECT: 5402
STATE ACCOUNT: 110-47-5193-067

SHEET: P101

PLOT DATE:
FILENAME:



E1 LEFT WING FOUNDATION PLUMBING PLAN
P102 1/8"=1'-0"



F1 WELL TANK DETAIL
P102 NOT TO SCALE

KEYED NOTES

GENERAL NOTES

KEY PLAN

REVISIONS:

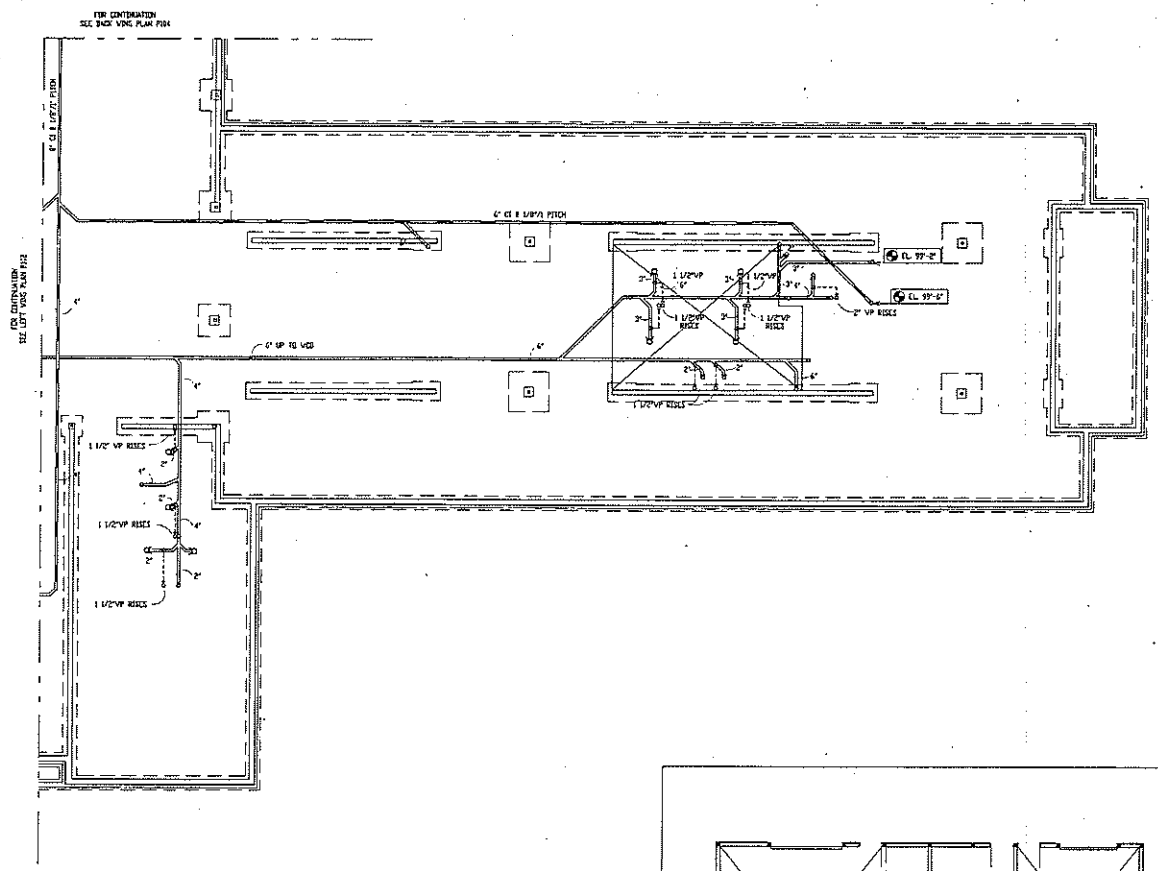
STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
500 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1500 A.I.A.

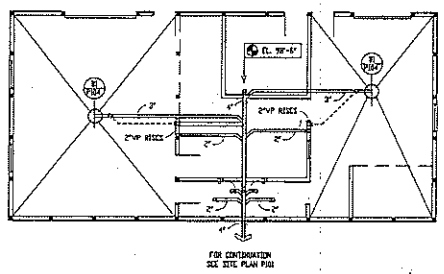
project: A LOW SECURITY CORRECTIONAL FACILITY for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

SHEET	P102	ISSUED FOR	DATE
IDENTIFICATION NO.		PRELIMINARY	
PROJECT	5402	CONSTRUCTION	7/16/01
STATE ACCOUNT	1101-47-5196-047	FINAL RECORD	

DESCRIPTED: KRM
DRAWN: JB
CHECKED: JB
APPROVED: JB



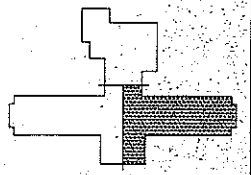
E2 RIGHT WING FOUNDATION PLUMBING PLAN
P103 1/8"=1'-0"



F6 MAINTENANCE BLDG. DVV
P103 1/8"=1'-0"

KEYED NOTES

GENERAL NOTES



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE. IRON MOUNTAIN, MICHIGAN 49801 906-774-7800 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

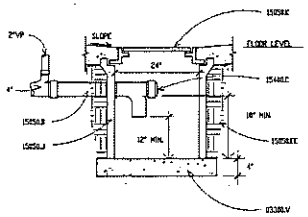
DATE	REVISED:	VP	
	DRAWN:	JB	
7/14/03	CHECKED:	JT	
	APPROVED:	JT	

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

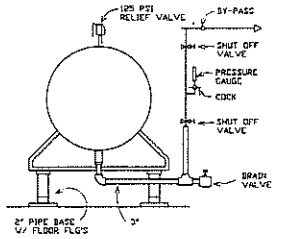
IDENTIFICATION NO.
PROJECT: 5402
STATE ACCOUNT NO.
110-47-5199-047

SHEET
P103

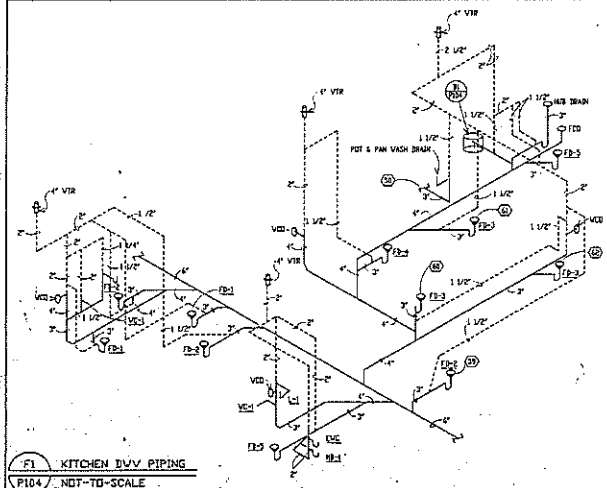
PLOT DATE
FILENAME



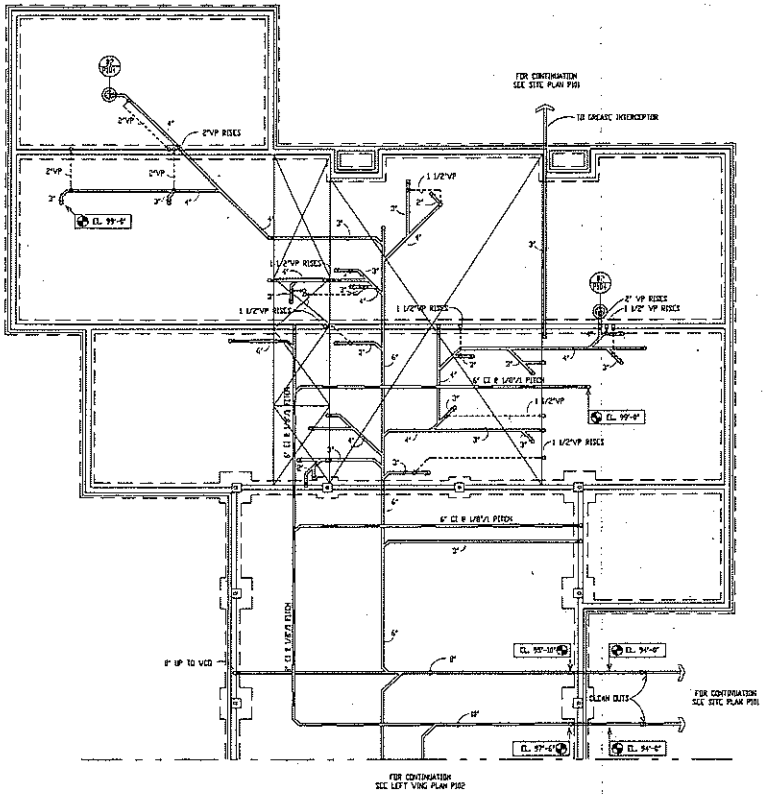
B2 DRAIN DETAIL
P104 3/4"=1'-0"



D2 WELL TANK DETAIL
P104 NOT TO SCALE



F1 KITCHEN DWV PIPING
P104 NOT-TO-SCALE



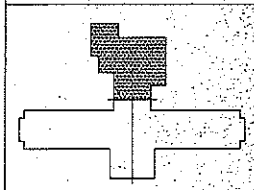
E3 BACK WING FOUNDATION PLUMBING PLAN
P104 1/8"=1'-0"

KEYED NOTES

03308LV CONCRETE BASE
15058B CAST IRON PIPE
15058J 24" DIA. CONCRETE PIPE
15058K CAST IRON FRAME & GRATE
15058EE EXCAVATION & BACKFILL BY PLUMBER
15448E BRASS CLEAN OUT

GENERAL NOTES

58 PIPING TO GREASE INTERCEPTOR AT BUILDING EXTERIOR
59 EXTEND INDIRECT WASTE FROM COFFEE URNS, WATER DISPENSER & HOT & COLD FOOD WELLS TO 2" ABOVE FLOOR DRAIN.
60 EXTEND INDIRECT WASTE FROM COOK'S TABLE TO 2" ABOVE FLOOR DRAIN.
61 EXTEND INDIRECT WASTE FROM RINSE & SANITIZE COMPARTMENTS OF POT & PAN SINK TO 2" ABOVE FLOOR DRAIN.
62 EXTEND INDIRECT WASTE FROM DISHWASHER & FOOD SCRAPPER TO 2" ABOVE FLOOR DRAIN.



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON, ASSOCIATES ARCHITECTS
303 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7200 FAX

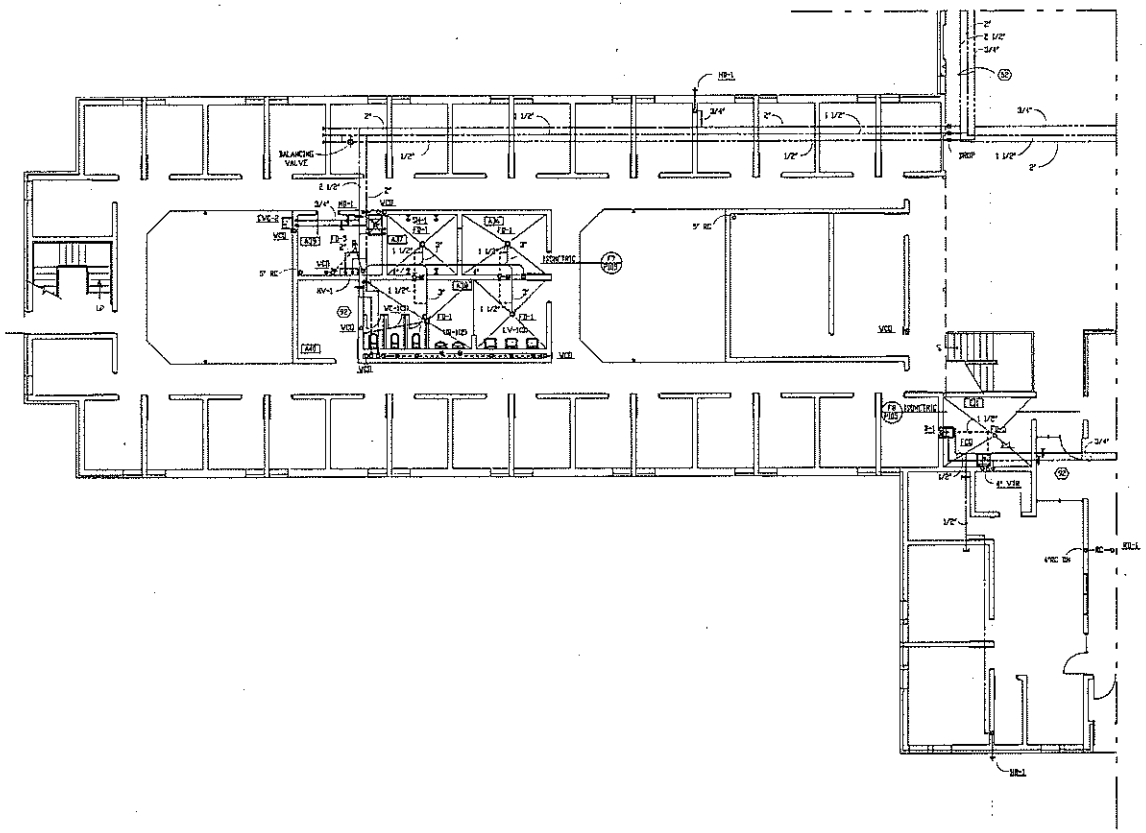
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: VTW
DRAWN: JB
CHECKED: RB
APPROVED: RB
DATE: 7/26/01

ISSUED FOR:
PRELIMINARY
CONSTRUCTION
FINAL RECORD

SHEET: P104
IDENTIFICATION NO.
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047

LST DATE
FILENAME



E2 LEFT WING FIRST FLOOR PLUMBING PLAN
P105 1/8"=1'-0"

KEYED NOTES

GENERAL NOTES

52 RUN PIPING ABOVE BOTTOM CHORD OF TRUSS SUSPENDED FROM TOP CHORD

52 CONCEAL PIPE ABOVE CEILINGS WHERE POSSIBLE. WHERE NO SUSPENDED CEILINGS ARE PRESENT, LOCATE PIPE RUNS AS CLOSE TO WALLS AND CEILINGS AS POSSIBLE. COORDINATE WITH OTHER WORK.

KEY PLAN

PIPE SUPPORT SCHEDULE:

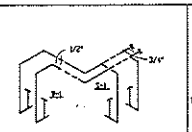
PIPE SIZE	SUPPORT SPACING STEEL (FT.)	SUPPORT SPACING COPPER (FT.)	HANGER ROD SIZE
1/2"	5	6	3/8"
3/4"	6	6	3/8"
1"	7	6	3/8"
1 1/4"	8	6	3/8"
1 1/2"	9	10	3/8"
2"	10	10	3/8"
2 1/2"	11	10	1/2"
3"	12	10	1/2"
4"	14	10	5/8"
5"	16	10	5/8"
6"	17	10	3/4"

NOTES:

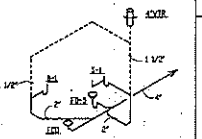
1. SOIL & WASTE NOT TO EXCEED 10'
2. CAST IRON NOT TO EXCEED 5'
3. PLASTIC DWV. NOT TO EXCEED 4'

PIPE CLEANING SCHEDULE

PIPE SIZE	AMOUNT OF CALCIUM HYPOCHLORITE	LENGTH
1/2"	1/2 TSP.	80'
3/4"	1/2 TSP.	40'
1"	1 TSP.	40'
1 1/4"	2 TSP.	40'
1 1/2"	3 TSP.	40'
2"	4 TSP.	40'
2 1/2"	6 TSP.	40'
3"	8 TSP.	40'
4"	16 TSP.	40'



F7 RM E11 SUPPLY PIPING
P105 NOSCALE



F8 RM E11 DWV PIPING
P105 NOSCALE

ROOM NAMES

A01-A30	RESIDENT ROOM	E01	VESTIBULE
A31	CORRIDOR	E02	CORRIDOR
A32	CORRIDOR	E03	GUARD STATION
A33	RESIDENT STORE	E04	WAITING
A34	PASSIVE RECR.	E05	STORAGE
A35	CORRIDOR	E06	OFFICE
A36	DRESSING	E07	OFFICE
A37	SHOWER	E08	CLERICAL
A38	TOILET	E09	SECURE STORAGE
A39	JANITOR	E10	CLOCK ROOM
A40	CORRIDOR	E11	GROUNDING
A41	PASSIVE RECR.		
A42	CORRIDOR		
A43	STAIR		
A44	CORRIDOR		

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
700 S. STRONACH INC. 906 MARTIN MORGAN 4201 904.7.1.1000 FAX

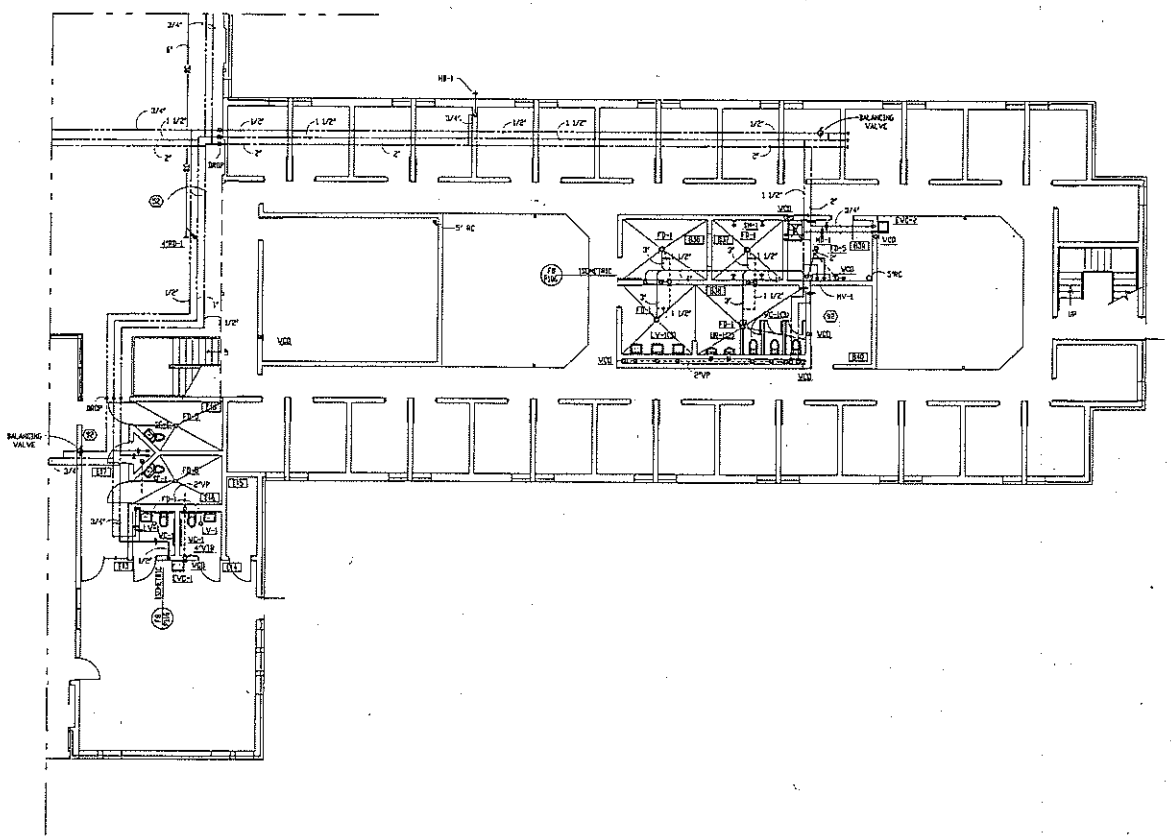
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DATE | DESIGNED: VSN | DRAWN: MT | CHECKED: JR | APPROVED: JR

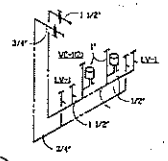
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☐ FINAL RECORD ☐

PROJECT NO. 9402
CONTRACT NO. 110-47-5198-047

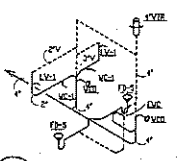
SHEET P105



E2 / P106 RIGHT WING FIRST FLOOR PLUMBING PLAN
1/8"=1'-0"



F7 / P106 E13/14 WATER PIPING
NO-SCALE



F8 / P106 E13/14 DWV PIPING
NO-SCALE

ROOM NAMES

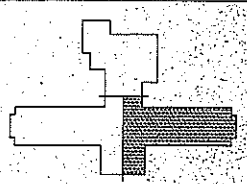
301-330	RESIDENT ROOM	E01	VESTIBULE
320	CORRIDOR	E02	CORRIDOR
332	CORRIDOR	E03	GUARD STATION
333	RESIDENT STORE	E32	VISITING
334	PASSIVE RCC.	E33	MAIL ROOM
335	CORRIDOR	E34	VENDING ROOM
336	DRESSING	E35	MECH/STORAGE
337	SHOWER	E36	TEMP. DETENTION
338	TOILET	E37	SERVICE
339	JANITOR	E38	TEMP. DETENTION
340	COUNSEL		
341	PASSIVE RCC.		
342	CORRIDOR		
343	STAIR-1		
344	CORRIDOR		

KEYED NOTES

GENERAL NOTES

(92) RUN PIPING ABOVE BOTTOM CHORD OF TRUSS SUSPENDED FROM TOP CHORD

(93) CONCEAL PIPE ABOVE CEILINGS WHERE POSSIBLE. WHERE NO SUSPENDED CEILINGS ARE PRESENT, LOCATE PIPE RUNS AS CLOSE TO WALLS AND CEILINGS AS POSSIBLE. COORDINATE WITH OTHER WORK.



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON ASSOCIATES ARCHITECTS
200 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7200 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

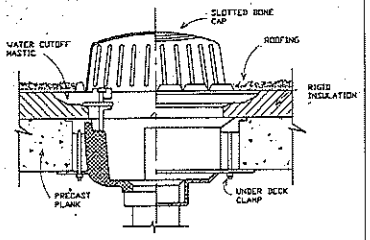
DESIGNED: TPK
DRAWN: JAV
CHECKED: JB
APPROVED: JB

DATE: 9/24/99

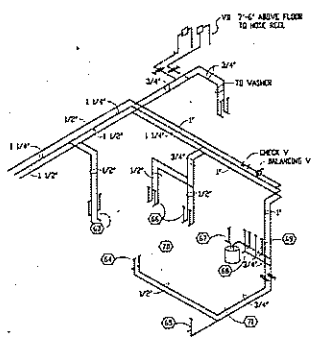
ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT: B-6172
STATE VACANCY: 0-0-7
110-FT-5198-047

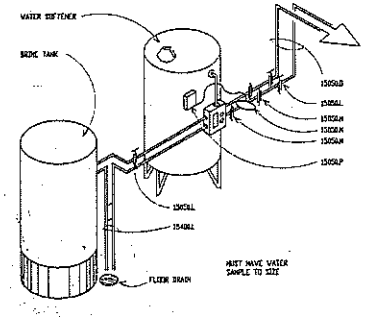
SHEET: P106



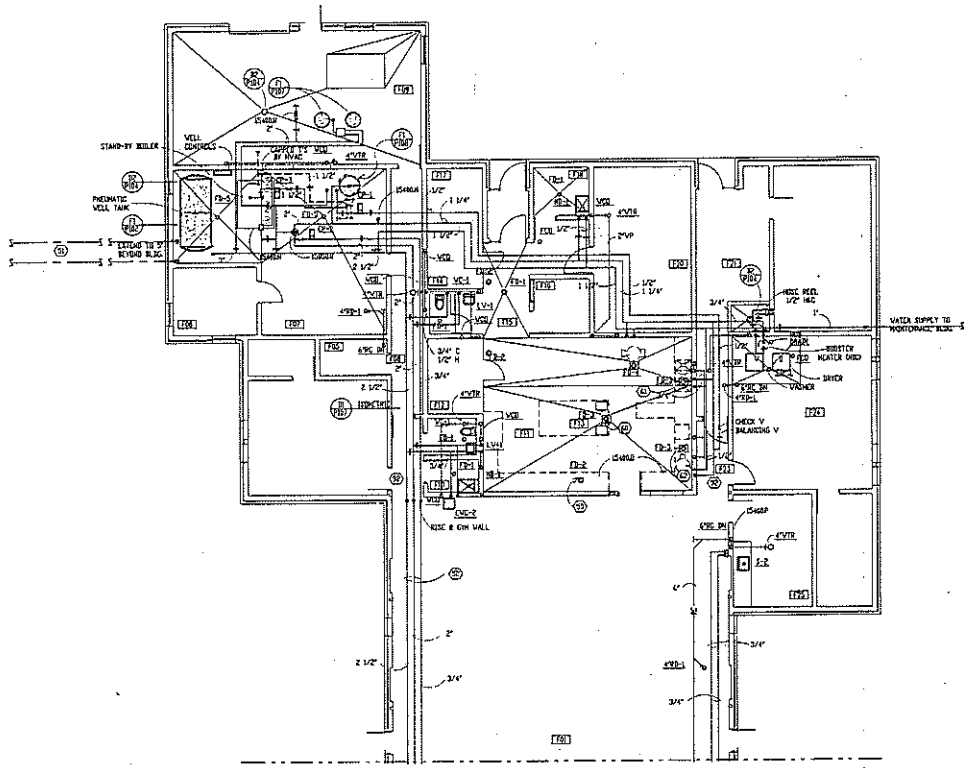
A1 ROOF DRAIN DETAIL
P107 NO SCALE

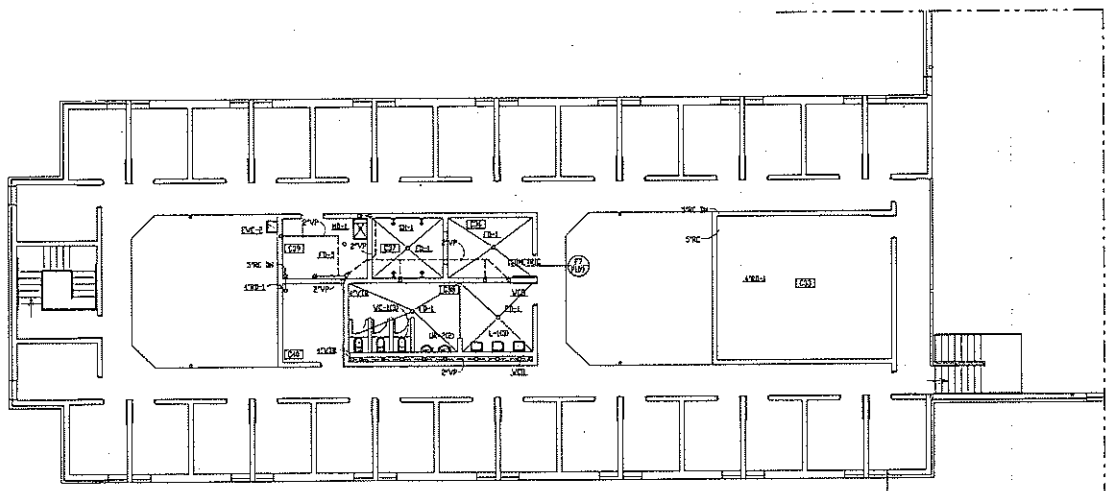


D1 KITCHEN/LAUNDRY WATER SUPPLY PIPING
P107 NO-SCALE



F1 WATER SOFTENER DETAIL
P107 NOSCALE





D2 LEFT WING SECOND FLOOR PLUMBING PLAN
P108 1/8"=1'-0"

KEYED NOTES

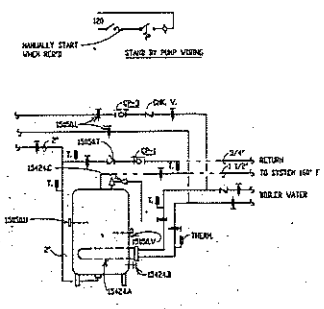
15050A BRASS GATE VALVE (TYP)
15050B SELF-CONTAINED MIXING VALVE
15050D CHECK VALVE (TYP)
15050U AQUASTAT FOR STANDBY RTG. AQUASTAT TO START PUMP
15050V AQUASTAT FOR BOILER WATER TO START PUMP IN VOID BOILER ROOM
13410UK 3/4" BACKFLOW PREVENTER FOR BOILER FEED
13424AA GLASS LINED TANK W/ TONC BUNDLE
PRIMARY WATER=78 GPM, 200°EWT, 175°LWT
DOMESTIC WATER= 148 GPM, 45°EWT, 160°LWT
STORAGE=500 GAL/LEGIBLE
13424AB 1" MANUAL DRAIN VALVE
13424AE PRESSURE & TEMP. RELIEF VALVE PIPED TO WITHIN 4'-0" FLOOR

GENERAL NOTES

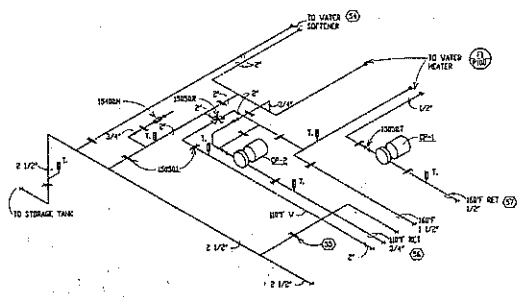
(54) SEE CD/P107 FOR CONTINUATION OF PIPING TO WATER SOFTENERS
(55) COLD WATER PIPING TO KITCHEN/LAUNDRY GROUP
(56) 160°F HOT WATER & RETURN PIPING TO RESIDENT AREAS
(57) 160°F HOT WATER & RETURN PIPING TO KITCHEN/ LAUNDRY GROUP

ROOM NAMES

C01-C20 RESIDENT ROOM
C21 CORRIDOR
C22 CORRIDOR
C23 PERSONAL STOR.
C24 PASSIVE REC.
C25 CORRIDOR
C26 DRESSING
C27 SHOWER
C28 TOILET
C29 JANITOR ROOM
C40 COUNSEL.
C41 PASSIVE REC.
C42 - CORRIDOR
C43 - STAIR
C44 - CORRIDOR



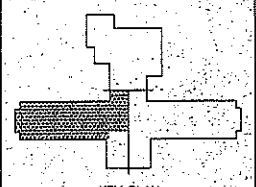
F1 VATER HEATER SCHEMATIC
P108 NOT-TO-SCALE



F3 VATER HEATER PIPING ISOMETRIC
P108 NOT-TO-SCALE

PLUMBING FIXTURE SCHEDULE

FIXT. NO.	DESCRIPTION	FITTINGS	ACCESSORIES
WC-1	VATER CLOSET, REAR 1 1/2" SPUD, SIPHON JET, ELONGATED BOWL	FLUSH VALVE, PUSH BUTTON	OPEN FRONT SEAT, CARRIER
WC-2	VATER CLOSET, CLOSE-COUPLER, SIPHON JET, ELONGATED BOW	3/8" ANGLE SUPPLY	OPEN FRONT SEAT, FLOOR FLANGE
UR-1	STALL URINAL, REAR SPUD, STAINLESS STEEL, REMOVE STRAINER	FLUSH VALVE, PUSH BUTTON	
UR-2	VALL HUNG URINAL, REAR SPUD, STAINLESS STEEL, REMOVE STRAINER	FLUSH VALVE, PUSH BUTTON	CARRIER W/ 1 1/2" LEGS
LV-1	VALL HUNG LAVATORY W/BACK SPLASH, VALL EXCITEMENT, OPEN STRAINER	DUAL VALVE SUPPLY, SINGLE SPOUT	CARRIER W/ 3 1/4" LEGS
S-1	BOBBLE COMPARTMENT,SELF-RIMMING,22"X22"X7" 20 GA. STAINLESS STEEL	CONCEALED SINK FITTING, 8" SVING SPOUT	3 1/2" BASKET STRAINER
S-2	SINGLE COMPARTMENT, SELF-RIMMING, 19"X22"X7" 20 GA. STAINLESS STEEL	CONCEALED SINK FITTING, 8" SVING SPOUT	3 1/2" BASKET STRAINER
MB-1	CAST STONE MOP BASIN, 3" DRAIN, S.S. RECESSE STRAINER	SERVICE SINK FITTING, INTEGRAL STOPS	S.S. MOP & HOSE HANGER
MB-2	CAST STONE, SINGLE TUB LAUNDRY TRAY	LAUNDRY FAUCET W/ HOSE THREADED SPOUT	SELF CLOSING BUBBLER
SH-1	SECURITY MOUNTED HEAD MOUNT W/ 2 1/2 GPM FLOW VARIFICE	PUSHBUTTON CONTROL, INTEGRAL STOPS	TIMED METERING VALVE
MV-1	MIXING VALVE TO SERVE 8 SHOWER HEADS, MOUNT IN 16 GA S.S. CABINET	INTEGRAL STOPS	THERMOMETER
HB-1	FROST-FREE HOSE BIBB, VALL BOX VANDALS LOCKING COVER	KEY STOP & VACUUM BREAKER	
FD-1	FLOOR DRAIN, GENERAL SERVICE, CAST IRON BODY	6" SQUARE VANDAL PROOF STRAINER	NICKEL CHROME STRAINER
FD-2	INDIRECT VASTE DRAIN, CAST IRON BODY	6" SQUARE STRAINER W/FUNNEL	
FD-3	FLOOR SINK, MEDIUM RECEPTOR, CAST IRON BODY	12" SQUARE STRAINER W/FUNNEL	SEDIMENT BUCKET
FD-4	FLOOR SINK, DEEP RECEPTOR, CAST IRON BODY	12" SQUARE RECESSED GRATE	SEDIMENT BUCKET
FD-5	FLOOR DRAIN, GENERAL SERVICE, CAST IRON BODY	6" ROUND VANDAL PROOF STRAINER	NICKEL CHROME STRAINER
VCO	VALL CLEANOUT, FULL SIZED SIZE, TAPERED PLUG, VANDAL PROOF		S.S. COVER
FCO	FLOOR CLEANOUT, ROUND HEAVY DUTY, MOUNT COVER W/ TAMPERPROOF SCREVS		SQ. SLOT SEALING COVER IN PIPE
CO	OUTSIDE CLEANOUTS		
RD-1	ROOF DRAIN, 16" DIAMETER		CI. DOME W/ SUMP RECEIVER
EVC-1	ELECTRIC VATER COOLER, 7.5 GAL. CAPACITY	PUSH BAR CONTROL	3/8" STOP & 17 GA. TRAP
EVC-2	ELECTRIC VATER COOLER W/ BOTTLE FILLER & HOT VATER DISPENSER	PUSH BAR CONTROL	3/8" STOP & 17 GA. TRAP
B-1	BARBER SINK, VALL MOUNTING, LEGS, BACK, VISE, MECK CUT-OUT	SINGLE LEVER CONTROL VALVE,LONG SPOUT	STOPS & RISERS, 17 GA. TRAP
SF-1	STAINLESS STEEL, ANGLED COMBINATION LAV. & VC SECURITY FIXTURE	PUSH BUTTON VALVES & BUBBLER	CARRIER
WH-1	ELECTRIC VATER HEATER, 30 GAL. CAPACITY	TAP RELIEF VALVE	3/4" GATE VALVE



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-7150 F.A.X.

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: VPN
DRAWN: JD
CHECKED: JD
APPROVED: JD
DATE 7/16/05

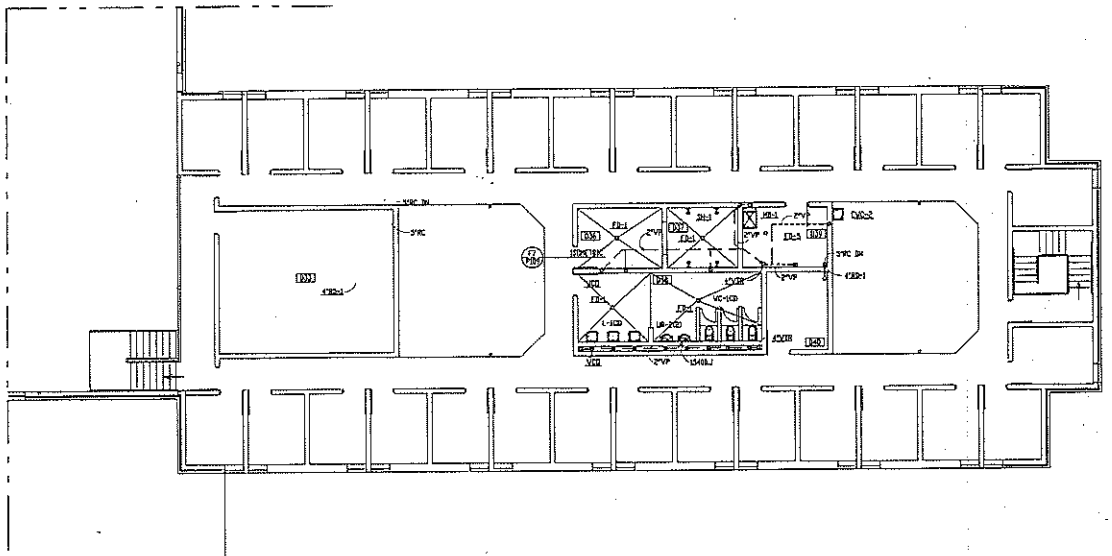
ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

IDENTIFICATION NO.
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047

SHEET P108

ROOM NAMES

201-230	RESIDENT ROOM
231	CORRIDOR
232	CORRIDOR
233	PERSONAL STOR.
234	PASSIVE REC.
235	CORRIDOR
236	DRESSING
237	SHOWER
238	TOILET
239	JAN/TAN ROOM
240	COUNSEL
241	PASSIVE REC.
242	CORRIDOR
243	STAIR
244	CORRIDOR



D2 RIGHT WING SECOND FLOOR PLUMBING PLAN
P109 1/8"=1'-0"

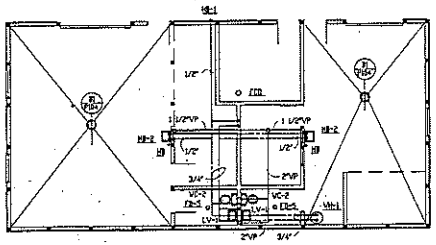
KEYED NOTES

15205LV BRANCH VALVES

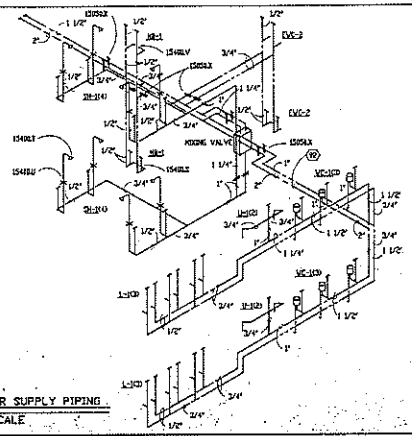
15408LV - WALL MOUNT URINALS ON 2ND FLOOR
15408LV - MOUNT SHOWER HEAD 6'-6" ABOVE FLOOR (TYP)
15408LV - MOUNT SHOWER VALVE 4' ABOVE FLOOR (TYP)
15408LV - SUPPLY W/ VAC. BREAKER MOUNTED AT 24" ABOVE FLOOR

GENERAL NOTES

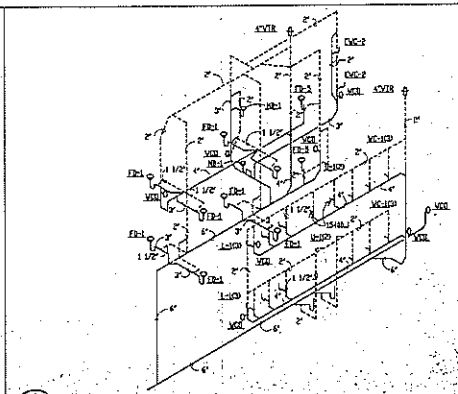
92 CONCEAL PIPE ABOVE CEILINGS WHERE POSSIBLE. WHERE NO SUSPENDED CEILINGS ARE PRESENT - LOCATE PIPE RUNS AS CLOSE AS POSSIBLE TO WALLS AND CEILING. COORDINATE W/ OTHER WORK



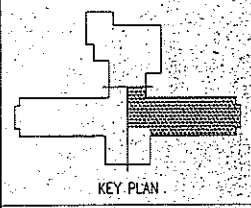
F1 MAINTENANCE BUILDING PLUMBING PLAN
P109 1/8"=1'-0"



F5 WATER SUPPLY PIPING
P109 NO-SCALE



F7 BATHROOM DRAIN, WASTE & VENT PIPING
P109 NO-SCALE



KEY PLAN

REVISIONS:

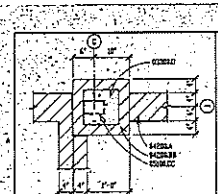
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN (906) 774-7200 A.I.A.

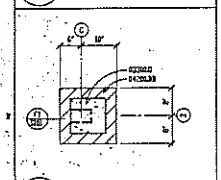
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

SHEET	IDENTIFICATION NO.	ISSUED FOR	DATE
P109	PROJECT 5402	PRELIMINARY	
	STATE ACCOUNT (110-47-5199-042)	CONSTRUCTION	2/16/99
		FINAL RECORD	

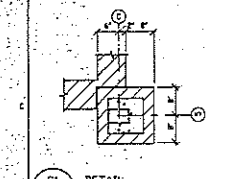
DESIGNED VPP
DRAWN JB
CHECKED TJ
APPROVED



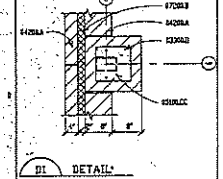
A1 DETAIL
S101 3/4"=1'-0"



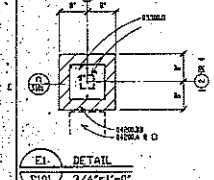
B1 DETAIL
S101 3/4"=1'-0"



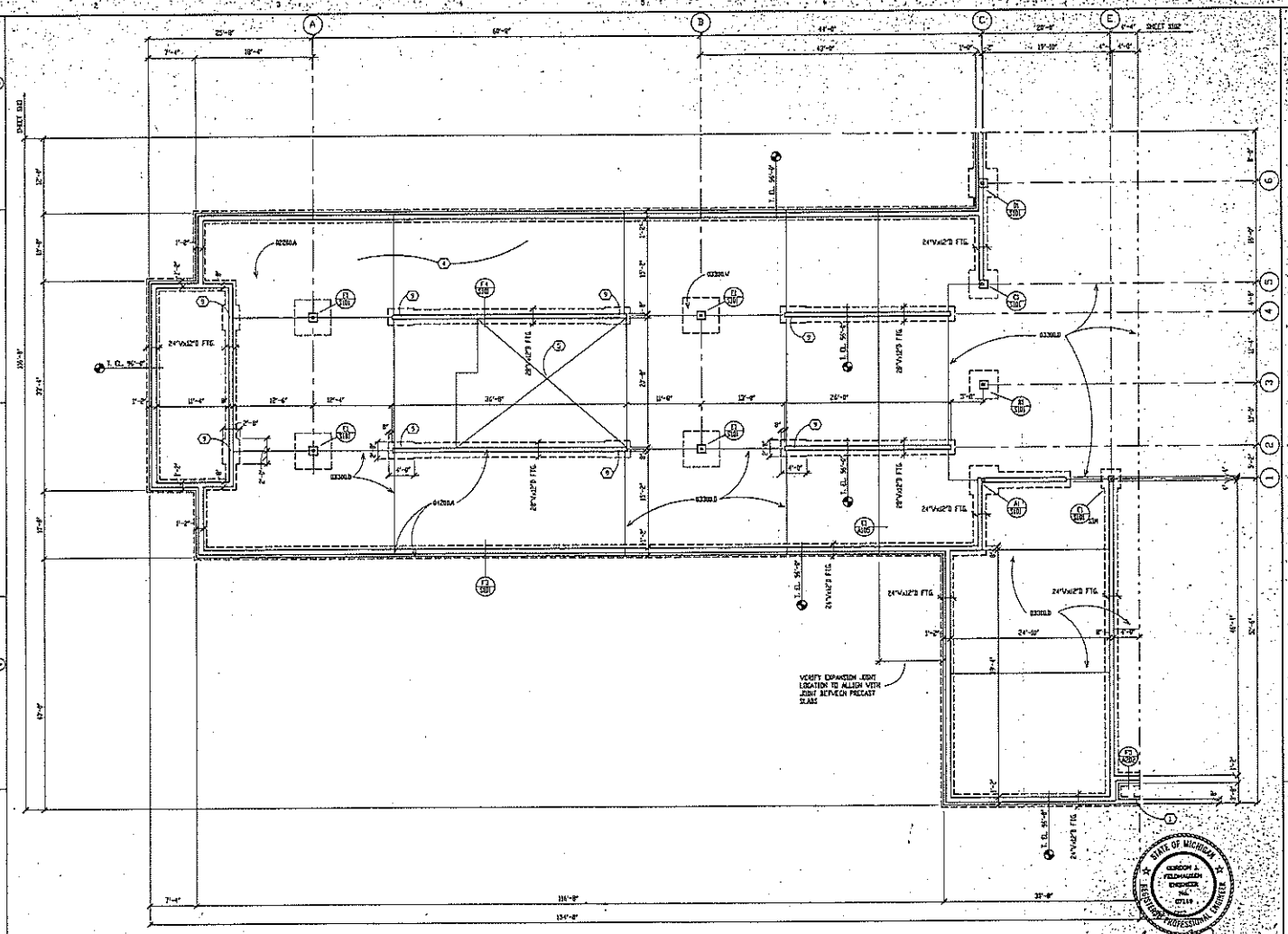
C1 DETAIL
S101 3/4"=1'-0"



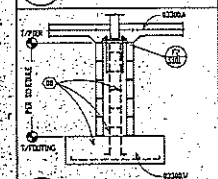
D1 DETAIL
S101 3/4"=1'-0"



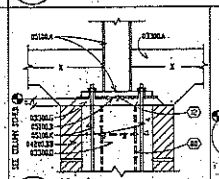
E1 DETAIL
S101 3/4"=1'-0"



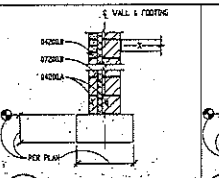
E2 LEFT WING FOUNDATION PLAN
S101 1/8"=1'-0"



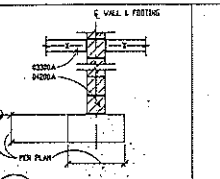
F1 DETAIL
S101 1/2"=1'-0"



F2 DETAIL
S101 11/2"=1'-0"



F3 TYP. EXT. FTG. DETAIL
S101 1/2"=1'-0"



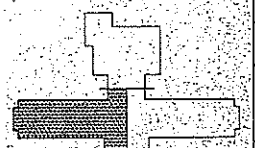
F4 TYP. INT. FTG. DETAIL
S101 1/2"=1'-0"

KEYED NOTES

- 02200A - COMPACTED FILL
- 03200A - REINFORCED CONCRETE SLAB ON GRADE
- 03200B - VINYL CONTROL JOINTS FORM
- 03200C - NON-SHRINKING GROUT
- 03200D - CONCRETE FILL
- 03300U - CONCRETE FOOTING PER SCHEDULE
- 04200A - CONCRETE MASONRY UNIT
- 04200B - FACE BRICK
- 04200Y - PIER BLOCK
- 04200BB - CHIMNEY BLOCK
- 05100A - STEEL COLUMN ASSEMBLY
- 05100B - SETTING PLATE PER COLUMN SCHEDULE FLUSHES
- 05100C - ANCHOR BOLTS PER SCHEDULE
- 05100CC - COLUMN LOCATION ABOVE
- 07200B - RIGID INSULATION

GENERAL NOTES

1. LOOSE SAND FILL
4. CONC. SLAB ON GRADE 5" THICK W/WWF, AS SPECIFIED
5. RECESS SLAB 2 1/2" IN AREAS TO RECEIVE CERAMIC TILE
6. REINFORCED CONCRETE CURB UNDER ALL COLUMNS AND BEAM ENDS BEARING ON MASONRY
10. SEE FLOORS COLUMN SCHEDULE FOR ELEVATIONS AND SIZES
100. SEE FOOTING AND PIER SCHEDULE FOR REINFORCING



KEY PLAN

REVISIONS:

FOOTING & PIER SCHEDULE

MARK	FOOTING SIZE	FOOTING REINF.	FOOTING TOP EL.	PIER SIZE	PIER VERT. REINF.	PIER TIES	PIER TOP EL.
A2	7'-0"x3'-0"x12"	12 #5 HALF E.W.	96'-0"	16"x16"	4 #5	#2 @ 8"	99'-4"
A4	↓	↓	↓	↓	↓	↓	↓
B2	↓	↓	↓	↓	↓	↓	↓
B4	↓	↓	↓	↓	↓	↓	↓
C1	4'-6"x4'-6"x12"	8 #5 HALF E.W.	↓	↓	↓	↓	↓
C2	↓	↓	↓	↓	↓	↓	↓
C3	↓	↓	↓	↓	↓	↓	↓
C6	↓	↓	↓	↓	↓	↓	↓
D1	3'-6"x3'-6"x12"	Not req'd	↓	↓	↓	↓	↓

STATE OF MICHIGAN
GORDON J. FELDHAUSEN
ENGINEER
No. 07149
REGISTERED PROFESSIONAL ENGINEER

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
900 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1900 FAX

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

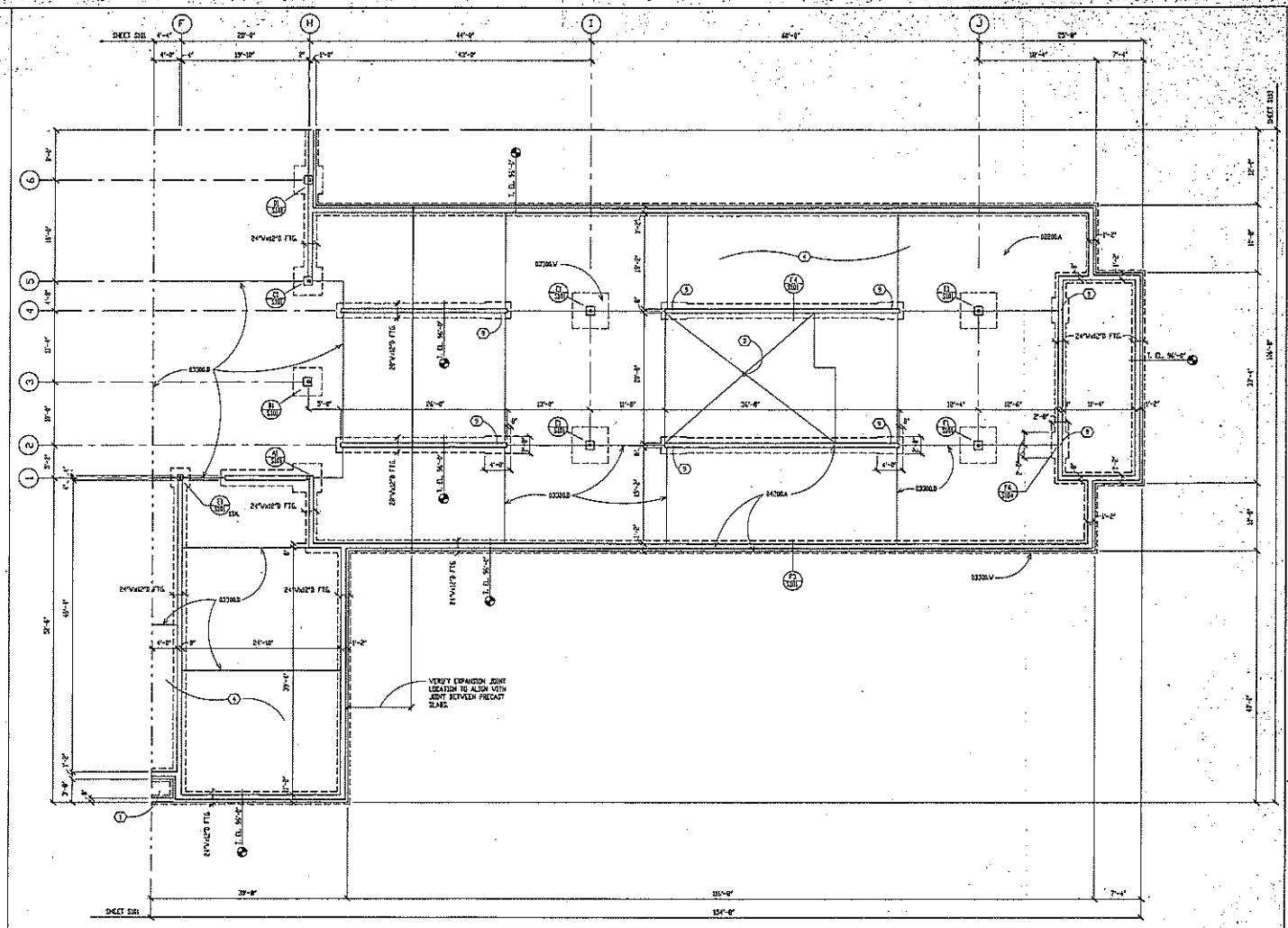
DESIGNED: E.J.
DRAWN: J.D.
CHECKED: J.D.
APPROVED: J.D.

DATE: 7-26-94

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

IDENTIFICATION NO.: 5407
PROJECT: STATE ACCOUNTS
(110-47-5195-047)

SHEET: S101



E2 RIGHT WING FOUNDATION PLAN
S102 1/8"=1'-0"

KEYED NOTES

02200A COMPACTED FILL
03300B VINYL COVERED JOINT FORM
03300V CONCRETE FOOTING
04200A CONCRETE MASONRY UNIT

GENERAL NOTES

4. CONCRETE SLAB ON GRADE, 5" THICK w/W.W.F.
5. RECESS SLAB 2 1/2" IN AREAS TO RECEIVE CERAMIC TILE.
9. REINFORCED GROUTED CORE UNDER ALL COLUMNS AND BEAM EDGE BEARING ON MASONRY.

FOOTING & PIER SCHEDULE

MARK	FOOTING SIZE	FOOTING REINF.	FOOTING TOP EL.	PIER SIZE	PIER VERT. REINF.	PIER TIES	PIER TOP EL.
F1	3'-6"x3'-6"x12"	4#5	96'-6"	16"x16"	4 #5	#3 @ 8"	99'-4"
F6	4'-6"x4'-6"x12"	8 #5 HALF E.W.					
F10							
F13							
F16							
F18							
F12	5'-6"x5'-6"x12"	12 #5 HALF E.W.					
F14							
F20							
F24							

KEY PLAN

REVISIONS:

SHEET S102

PROJECT 54027
STATE ACCOUNT 110-47-5199-047

ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐

DATE 12/1/98

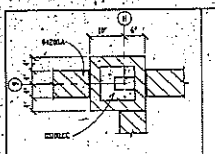
DESIGNED BY
DRAWN BY
CHECKED BY
APPROVED BY

project: A LOW SECURITY CORRECTIONAL FACILITY for: MICHIGAN DEPARTMENT OF CORRECTIONS location: IRON COUNTY, MICHIGAN

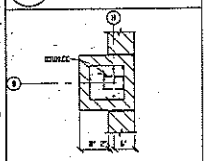
BLOMQUIST NELSON ASSOCIATES ARCHITECTS
205 S. STEPHENSON P.O. BOX 1064 FAX 906-774-7005 A.I.A.

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities

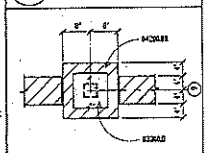
PLOT DATE 12/1/98
FILENAME



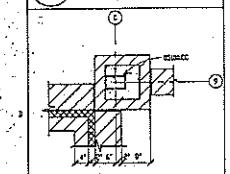
A1 DETAIL
S103 3/4"=1'-0"



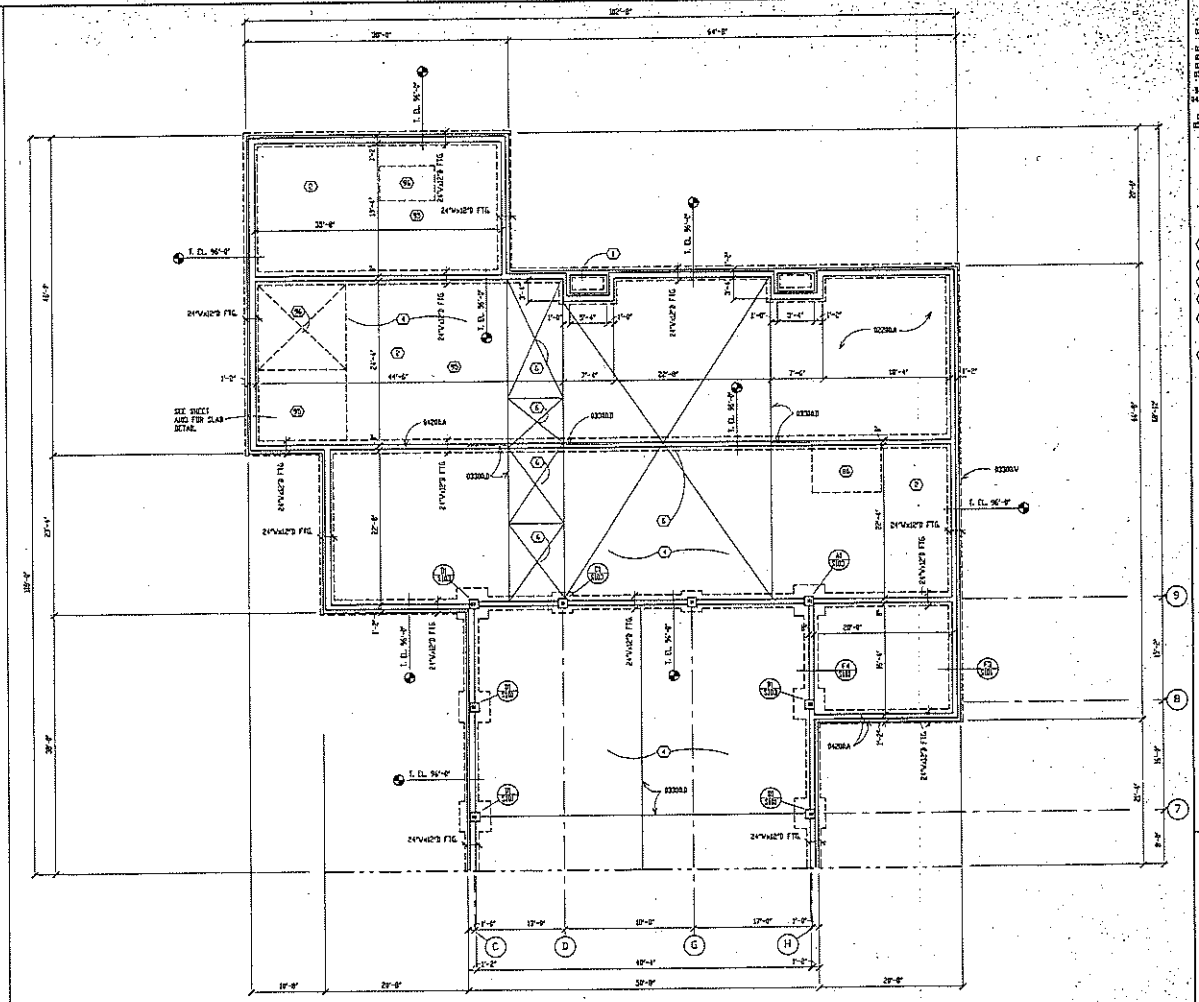
B1 DETAIL
S103 3/4"=1'-0"



C1 DETAIL
S103 3/4"=1'-0"



D1 DETAIL
S103 3/4"=1'-0"



E3 BACK WING FOUNDATION PLAN
S103 1/8"=1'-0"

KEYED NOTES

- 02200A COMPACTED FILL
- 03300B VINYL CONTROL JOINT TOOL
- 03300B EXPANSION JOINT
- 03300D CONCRETE FILL
- 03300V CONCRETE FOOTING
- 04200A CONCRETE MASONRY UNIT
- 04200B CHIMNEY BLOCK
- 05200A STEEL COLUMN ASSEMBLY
- 05200C COLUMN LOCATION ABOVE

GENERAL NOTES

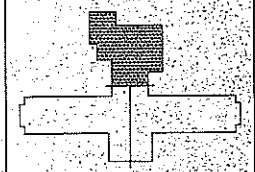
(E) SEE ARCHITECTURAL FLOOR PLANS FOR SLOPED SLABS & FLOOR DRAIN LOCATIONS

(4) CONCRETE SLAB ON GRADE, 3" THICK W/WWF, AS SPECIFIED

(5) RECESS SLAB 1" IN AREAS TO RECEIVE CERAMIC AND QUARRY TILE AND AREAS UNDER WALK-IN COOLER & FREEZER. THICKEN SLAB TO 8" & CAST IN ANCHORS FOR LAUNDRY EQUIPMENT.

(7) PROVIDE 3" HIGH CONCRETE HOUSEKEEPING PADS FOR PUMPS, WATER HEATERS, BOILERS, TANKS, PANELS, GENERATOR, ETC. THAT ARE SITTING ON THE FLOOR SLAB WITHOUT LEGS OR AS REQUIRED BY PLUMBING, MECHANICAL OR ELECTRICAL DRAWINGS.

(9A) PROVIDE 6" THICK CONCRETE PAD FOR VOID BOILER AND WATER TANK. SEE DETAIL F7/M103.



KEY PLAN

REVISIONS:

FOOTING & PIER SCHEDULE

MARK	FOOTING SIZE	FOOTING REINF.	FOOTING TOP EL.	PIER SIZE	PIER VERT. REINF.	PIER TIES	PIER TOP EL.
C7	4'-4"x5'-4"x12"	8 #5 HALF EW.	96'-9"	16"x16"	4 #5	#3 @ 8"	99'-4"
C8	↓	↓					
C9							
D5	2'-8"x3'-9"x12"	NONE					
G5	2'-8"x3'-9"x12"	NONE					
H7	4'-4"x5'-4"x12"	8 #5 HALF EW.					
H8	↓	↓	↓	↓	↓	↓	↓
H9							

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

ASSOCIATES
ARCHITECTS
BLOMQUIST, NELSON
708 S. STEPHENSON AVE. AND MARTINA, MICHIGAN 49801 906/774-7001 FAX

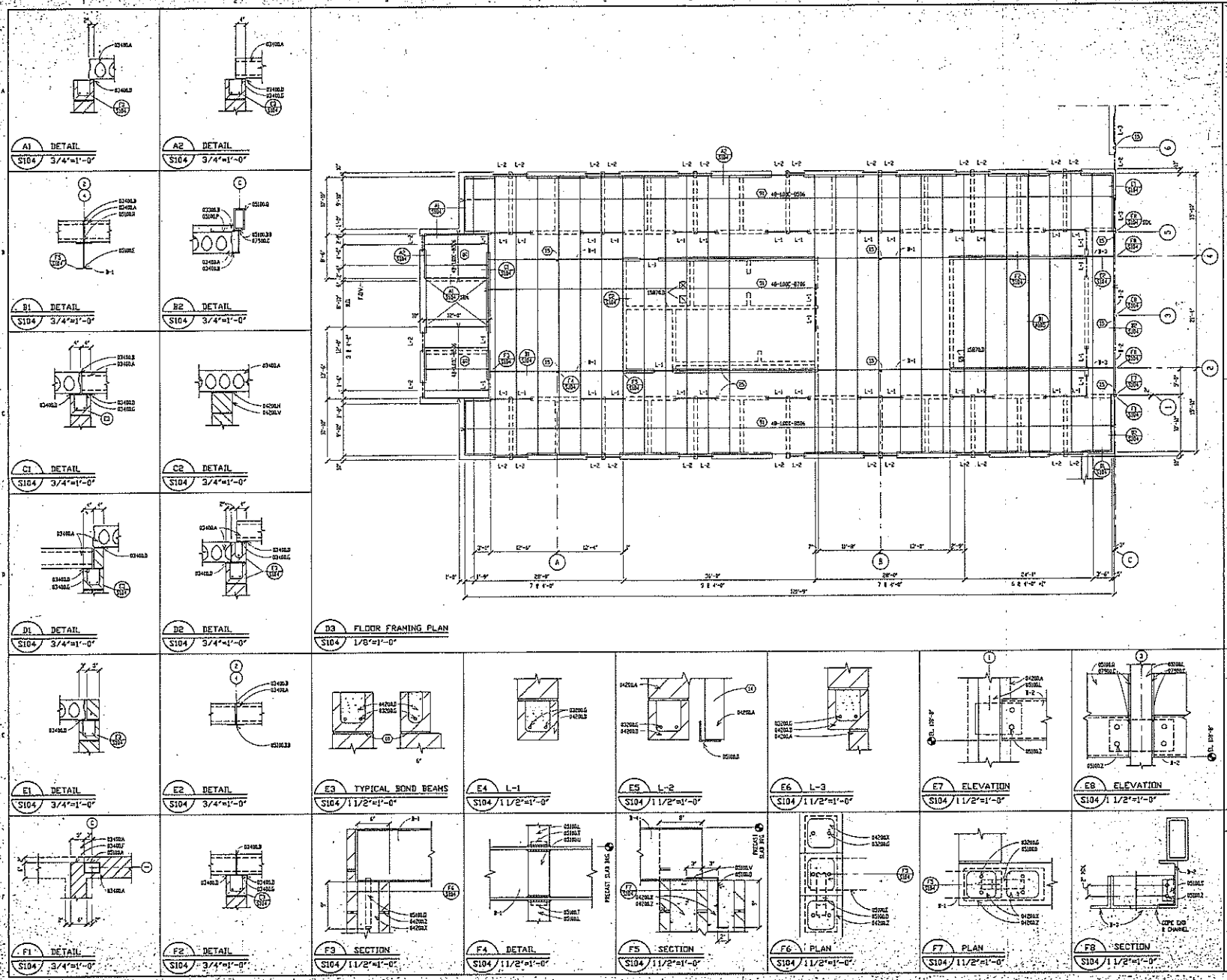
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED BY
DRAWN
CHECKED
APPROVED

ISSUED FOR
PRELIMINARY
CONSTRUCTION
FINAL RECORD

DATE
VIEW

SHEET S103
IDENTIFICATION NO.
PROJECT 3402
STATE ACCOUNT 110-47-5199-047



KEYED NOTES

- 03200.G #5 BARS CONTINUOUS
- 03300.B REINFORCED CONCRETE TOPPING SLAB
- 03400.A PRECAST CONCRETE-HOLLOW CORE SLAB
- 03400.B* CAULK AND GROUT JOINT
- 03400.D CAULK
- 03400.G BEARING STRIP
- 03400.J CUT/NOTCH SLAB
- 04200.A CONCRETE MASONRY UNIT
- 04200.B FACE BRICK
- 04200.D GROUTED BOND BEAM COURSE
- 04200.H GROUT TIGHT TO PRECAST AFTER ALL DEAD LOADS HAVE BEEN APPLIED AND BEFORE MAJOR LIVE LOADS ARE APPLIED
- 04200.V CMU NON-BEARING WALL
- 04200.X GROUTED CORE
- 04200.Z #9 PIERS TIED AROUND ALL GROUTED CORES & REG. VERT.
- 05100.A STEEL COLUMN ASSEMBLY
- 05100.D STEEL LINTEL PER SCHEDULE
- 05100.E STEEL BEAM PER SCHEDULE
- 05100.L TUBE COLUMN PER SCHEDULE
- 05100.U 1/4"x2" STRAP CAST INTO BEAM/GIRDER
- 05100.P 1/4"x2"x2" STRAP WRAPPED & FILL CAST INTO TOPPING SLAB
- 05100.Q 4x8 TUBE
- 05100.U 1/4"x1"x4" WELDED TO BEAM & TUBE
- 05100.S 3 1/2"x3 1/2"x1/4" ANGLE
- 05100.T 1" PLATE KEY PLUG WELDED TO BEAM TO ALIGN COLUMN/ FIELD WELD COLUMN TO BEAM
- 05100.U WELD 4x4 HALF TUBE STIFFENER
- 05100.V FIELD WELD
- 05100.Z 1/4" BOLTS - A325
- 05100.38 WELD
- 07900.C CAULKING
- 15870.D MECHANICAL OPENING

GENERAL NOTES

- (10) LOCATE BOND BEAMS BELOW PRECAST SLABS IN ALL SHADED BEARING WALLS
- (14) SEE SHEETS A301, A501, AND A502 FOR BRICK DETAILING
- (15) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DRAWINGS
- (25) GROUT TIGHT ABOVE 1ST FL. NON-BEARING WALLS BEFORE INSTALLING 2ND FL. NON-BEARING WALLS
- (91) PRECAST SERIES MARKER
  i.e. 48-L00C-8706

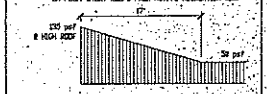
STRUCTURAL LOADING CONDITIONS

ALL STRUCTURES:
- SELF WEIGHT OF STRUCTURAL ELEMENTS DL ____ AS REQ'D
- MECHANICAL/ELECTRICAL EQUIPMENT DL ____ AS REQ'D

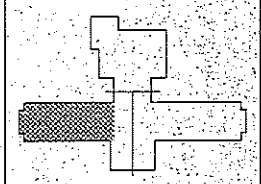
SECOND FLOOR
- LIVE LOAD ____ 40 psf
- MASONRY PARTITIONS DL ____ AS REQ'D
- CONCRETE TOPPING SLAB DL ____ 20 psf

ROOFS
- SNOW LL ____ 50 psf
- DRIFTING
  - ON SECOND STORY ROOFS FROM ACTIVE RECREATION ROOF

- ON FIRST STORY ROOFS FROM ACTIVE RECREATION ROOF



- COLLATERAL DL ____ 3 psf
- ROOFING SYSTEM DL ____ 10 psf



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON, ASSOCIATES ARCHITECTS
900 S. STEPHENSON HWY., FOX VILLAGE, MARQUETTE, MICHIGAN 49855-1000 (906) 228-7500

project: A. LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

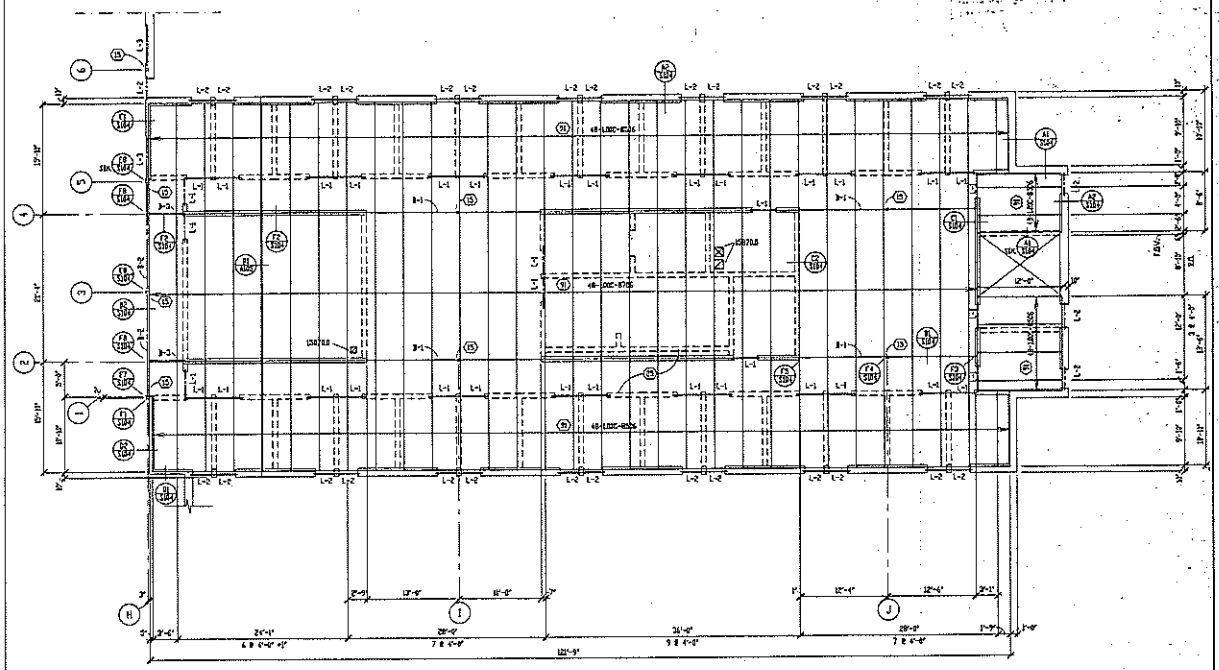
DESIGNED BY: XX
DRAWN: XX
CHECKED: XX
APPROVED: XX

DATE:

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☐
FINAL RECORD ☐

CONSTRUCTION NO.
PROJECT: 1-5102
STATE ACCOUNT: 110-47-5159-047

SHEET: S104



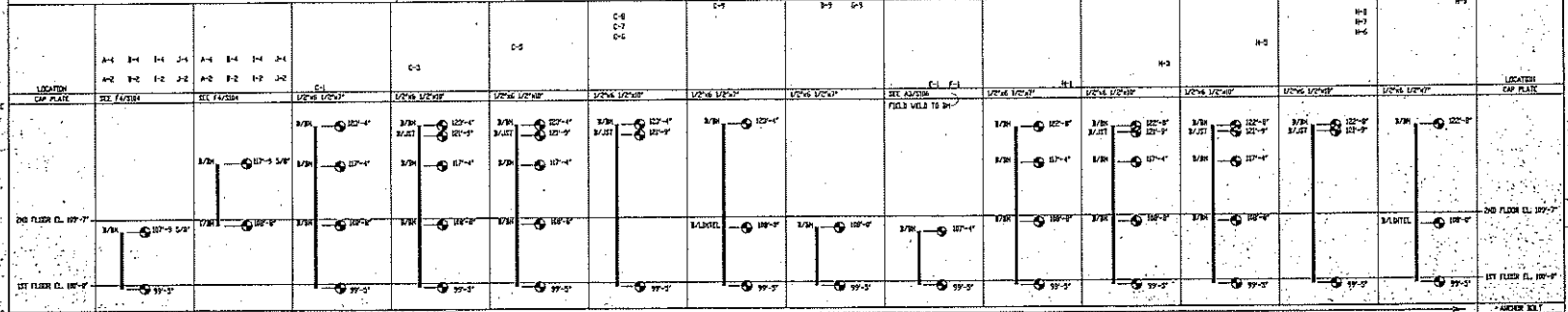
D3 FLOOR FRAMING PLAN
S105 1/8"=1'-0"

GENERAL NOTES

(15) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DRAWINGS
(53) GROUT TIGHT ABOVE 1ST FL. NON-BEARING WALLS BEFORE INSTALLING 2ND FL. NON-BEARING WALLS
(91) PRECAST SERIES NUMBER
ex. 48-LUNC-8706

KEYED NOTES

5870.0 MECHANICAL OPENING



F1 COLUMN SCHEDULE
S105 1/8"=1'-0"

KEY PLAN

REVISIONS:

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
906 S. STEPHENSON AVE., FOST WAYNE, MICHIGAN 49931 PH. 717-200 FAX

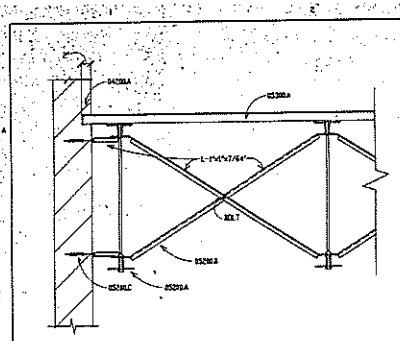
STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

DESIGNED: G.P.
DRAWN: J.S.
CHECKED: J.S.
APPROVED: J.S.

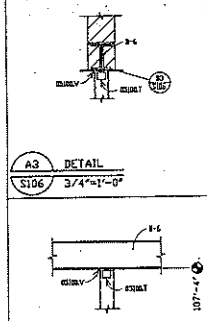
ISSUED FOR: PRELIMINARY ☐ CONSTRUCTION ☒ FINAL RECORD ☐
DATE: 7-26-99

SHEET 1 - IDENTIFICATION NO.
PROJECT: 5407
STATE ACCOUNT: 1
(110-47-5193-047)

S105

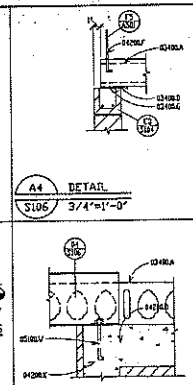


B1 DETAIL
S106 1"=1'-0"



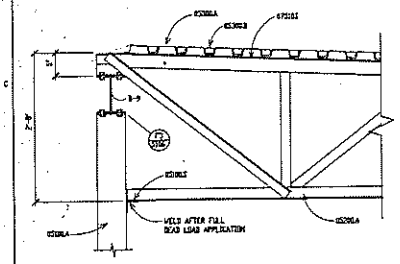
A3 DETAIL
S106 3/4"=1'-0"

B3 DETAIL
S106 3/4"=1'-0"

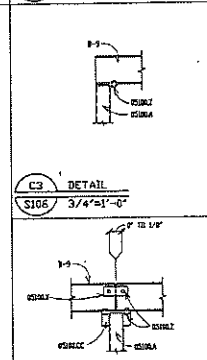


A4 DETAIL
S106 3/4"=1'-0"

B4 SECTION
S106 11/2"=1'-0"

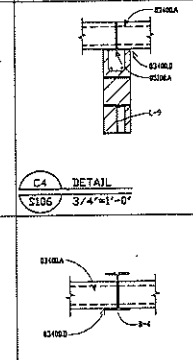


D1 DETAIL
S106 1"=1'-0"



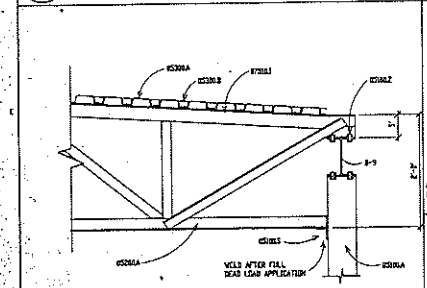
C3 DETAIL
S106 3/4"=1'-0"

D3 DETAIL
S106 3/4"=1'-0"

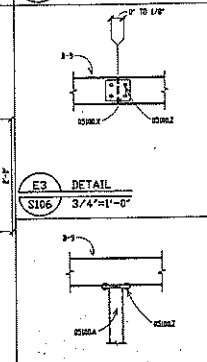


C4 DETAIL
S106 3/4"=1'-0"

D4 DETAIL
S106 3/4"=1'-0"

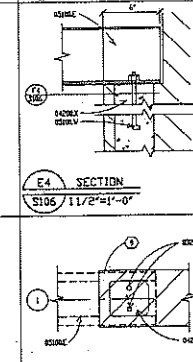


F1 DETAIL
S106 1"=1'-0"



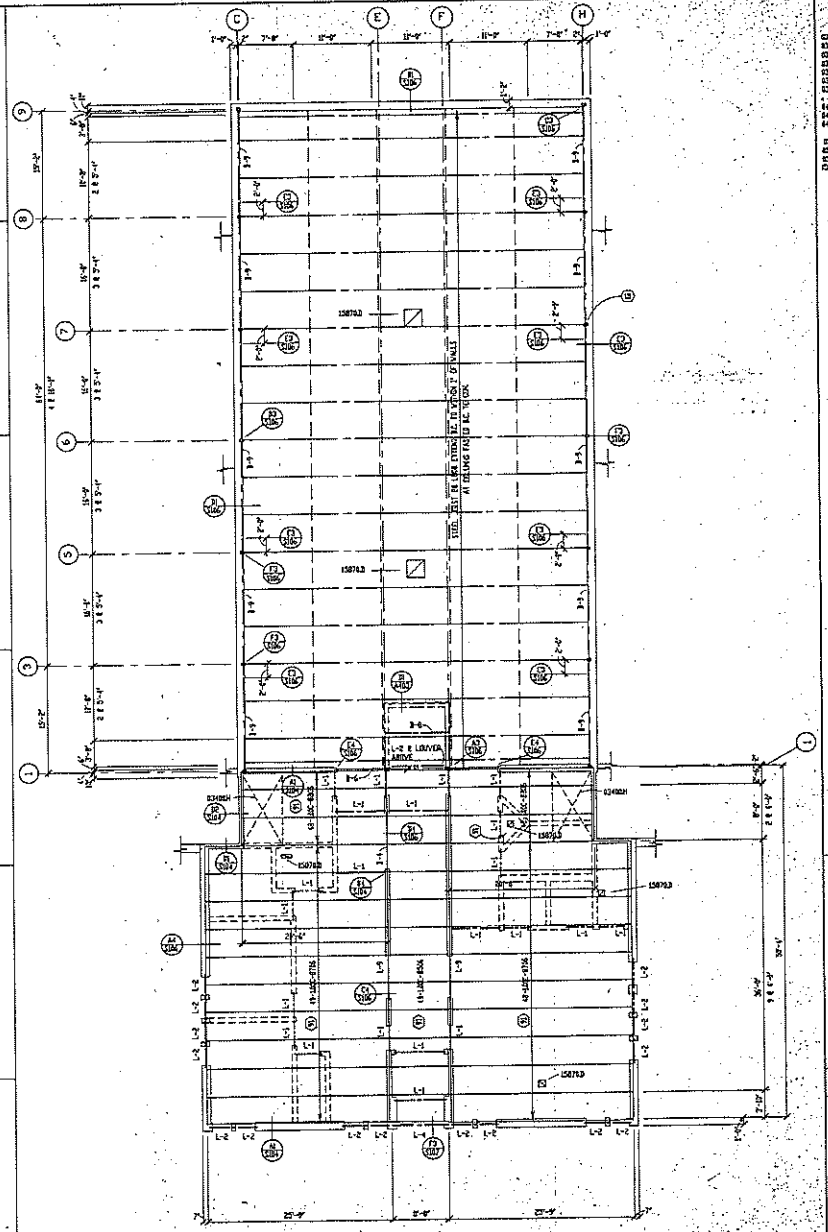
E3 DETAIL
S106 3/4"=1'-0"

F3 DETAIL
S106 11/2"=1'-0"



E4 SECTION
S106 11/2"=1'-0"

F4 PLAN
S106 11/2"=1'-0"



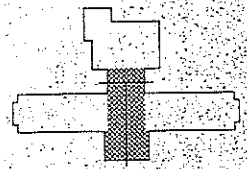
F5 ACTIVE REC. & FRONT WING ROOF FRAMING PLAN
S106 1/8"=1'-0"

KEYED NOTES

- 03200A - REINFORCEMENT PER SCHEDULE
- 03200B - 55 BARS CONTINUOUS
- 03400A - PRECAST CONCRETE HOLLOW CORE SLAB
- 03400B - CAULK AND GROUT JOINT
- 03400C - CAULK
- 03400D - BEARING STRIP
- 03400H - FILL PRECAST CORE W/CONC AS REQ'D FOR SHEAR
- 04200A - GROUTED RING BEAM CS/SIM
- 04200F - 1/2"Ø x 12" ANCHOR BOLT W/2" HOOK @ 4'-0" O.C.
- 04200X - GROUTED CORE
- 05100T - STEEL BEAM PER SCHEDULE
- 05100V - FIELD WELD
- 05100Y - 3-1/2"Ø x 12" ANCHOR BOLT W/2" HOOK
- 05200D - MECHANICAL SPRING

GENERAL NOTES

(5) REINFORCED GROUTED CORE UNDER ALL BEAM END BEARING IN MASONRY.
(12) STEEL CEILING PER SCHEDULE ON STRUCTURAL DRAWINGS.
(19) PRECAST SERIES NUMBER
ex. 49-12DC-8706



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-774-1000 FAX

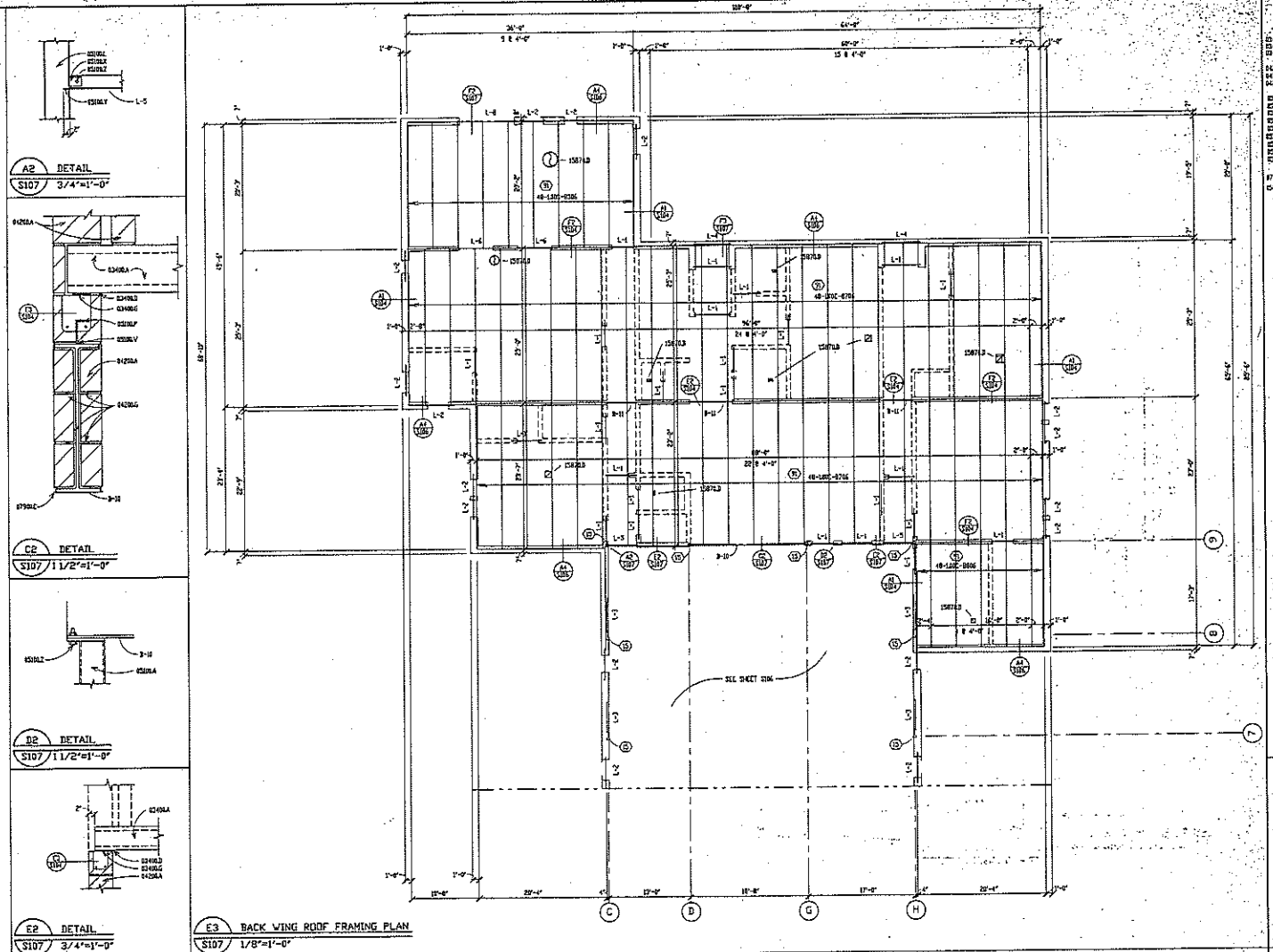
project: A-LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: G.
DRAWN: KB
CHECKED: KB
APPROVED: JS

DATE: 7/14/99

ISSUED FOR:
PRELIMINARY ☐
CONSTRUCTION ☒
FINAL RECORD ☐

SHEET: S106
REFERENCE NO.
PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047



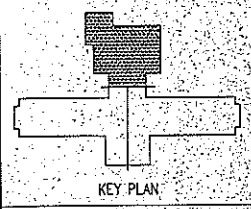
KEYED NOTES

03100LA	PRECAST CONCRETE - HOLLOW CORE SLAB
03400LD	GROUT
03400LG	BEARING STRIP
04200LA	CONCRETE MASONRY UNIT
04200LD	FACE BRICK
04200LG	CORRUGATED MASONRY WALL TIE @ 24" O.C.
05100LA	STEEL COLUMN ASSEMBLY
05100LD	STEEL LINTEL PER SCHEDULE
05100LF	TUBE COLUMN PER SCHEDULE
05100LP	1/4"x2"x4" STRAP W/HOOK @ 4' O.C. CAST INTO TOPPING SLAB
05100LR	1/4"x2"x4" WELDED TO BEAM @ 4' O.C.
05100LV	FIELD WELD
05100LX	3/8" CONNECTION PLATE
05100LY	CDPC PLATE AROUND COLUMN
05100LZ	3/4" BOLTS - A325
07900LC	CAULKING
08200LD	MECHANICAL OPENING

GENERAL NOTES

(L5) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DRAWINGS

(W) PRECAST SERIES NUMBER, i.e. 48-1200-8706



KEY PLAN

REVISIONS:

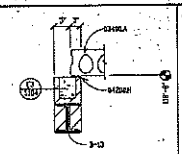
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
305 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 (906) 774-7000 FAX

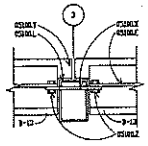
STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

SHEET	IDENTIFICATION NO.	ISSUED FOR	DATE
S107	PROJECT 5402	PRELIMINARY	
	STATE ACCOUNT 110-47-5193-047	CONSTRUCTION	7/24/03
		FINAL RECORD	

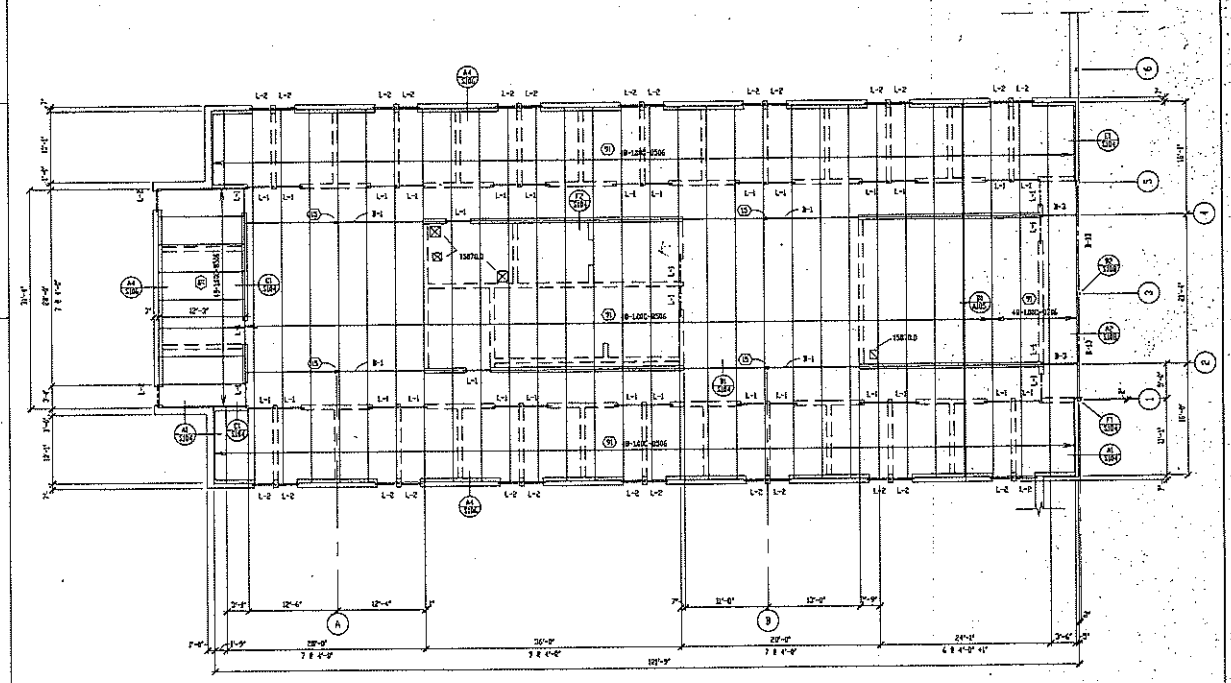
DESIGNED: J.B.
DRAWN: J.B.
CHECKED: N.B.
APPROVED: J.B.



A2 DETAIL
S108 3/4"=1'-0"



B2 PLAN
S108 1 1/2"=1'-0"



D3 LEFT WING ROOF FRAMING PLAN
S108 1/8"=1'-0"

KEYED NOTES

03410A PRECAST CONCRETE-HOLLOW CORE SLAB
04200A GROUT TIGHT TO PRECAST AFTER ALL DEAD LOADS HAVE BEEN APPLIED AND BEFORE MAJOR LIVE LOADS ARE APPLIED
05100LE STEEL BEAM PER SCHEDULE
05100LL TUBE COLUMN PER SCHEDULE
05100LS 3/8" CONNECTION PLATE
05100LY GRPC PLATE AROUND COLUMN
05100Z 3/4" BOLTS - A325
15050-D MECHANICAL OPENING

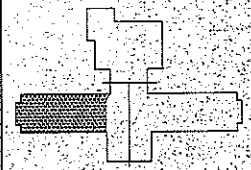
GENERAL NOTES

(15) STEEL COLUMN PER SCHEDULE ON STRUCTURAL DRAWINGS
(91) PRECAST SERIES NUMBER
i.e. 48-LA5C-8706

BEAM AND LINTEL SCHEDULE

MARK	DESCRIPTION	DETAIL NUMBER	REMARKS
B1	W 10 x 26	B1,F3,F4,F5,F6/S104	
B2	MC 9 x 25.4 w/T 8 x 4 x .188	B2,E7,E8/S104	DISCONTINUE TUBE @ STAIR PER SHEET, A601
B3	2-L 6 x 3 1/2 x 3/8	E2,F8/S104	6" BRG. ON MASONRY WELD TO FORM 'T'
B4	W 10 x 22	B4/S106, D4/S106	
B5	VOID		
B6	W 8 x 19 w/PL 1/4 x 7	B6/A403, A3/S106	INCREASE PL WIDTH TO 12" @ GUARD STA.
B7	VOID		
B8	WT 5 x 8.5	B7,B8/A403	
B9	W 8 x 24	F1,F3/A502	
B10	W 24 x 62	C2,D2/S107	
B11	2-L 7 x 4 x 1/2	E2/S104	8" BRG EA. END
B12	VOID		
B13	W 8 x 28 w/PL 1/4 x 7	F3/A502, A2,B2/S108	
L1	CMU-2 JS	E4/S104	NOTE 1
L2	CMU-2 JS w/L 4 x 4 x 1/4	E5/S104	NOTE 1
L3	CMU-2 JS	E6/S104	NOTE 1
L4	2-L 6 x 3 1/2 x 5/16 w/PL 1/4 x 13	F3/S107	6" BRG EA. END
L5	2-L 3 1/2 x 2 1/2 x 3/8 w/PL 1/4 x 7	A2/S107	
L6	W 8 x 15 w/PL 1/4 x 7	F4/S107	6" BRG EA. END
L7	VOID		
L8	W 8 x 15 w/PL 1/4 x 13	F2/S107	8" BRG EA. END
L9	MC 8 x 8.5 w/PL 1/4 x 7	C4/S106	

NOTE: 1. CONTINUOUS REINF. BARS & NO SPLICES IN LINTELS, 6" EXTENSION OF BAR BEYOND OPENING
PROVIDE TEMPORARY SUPPORT FOR LINTEL WHEN SPAN EXCEEDS 4'-0".



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST NELSON ARCHITECTS ASSOCIATES
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 906-779-1000 FAX

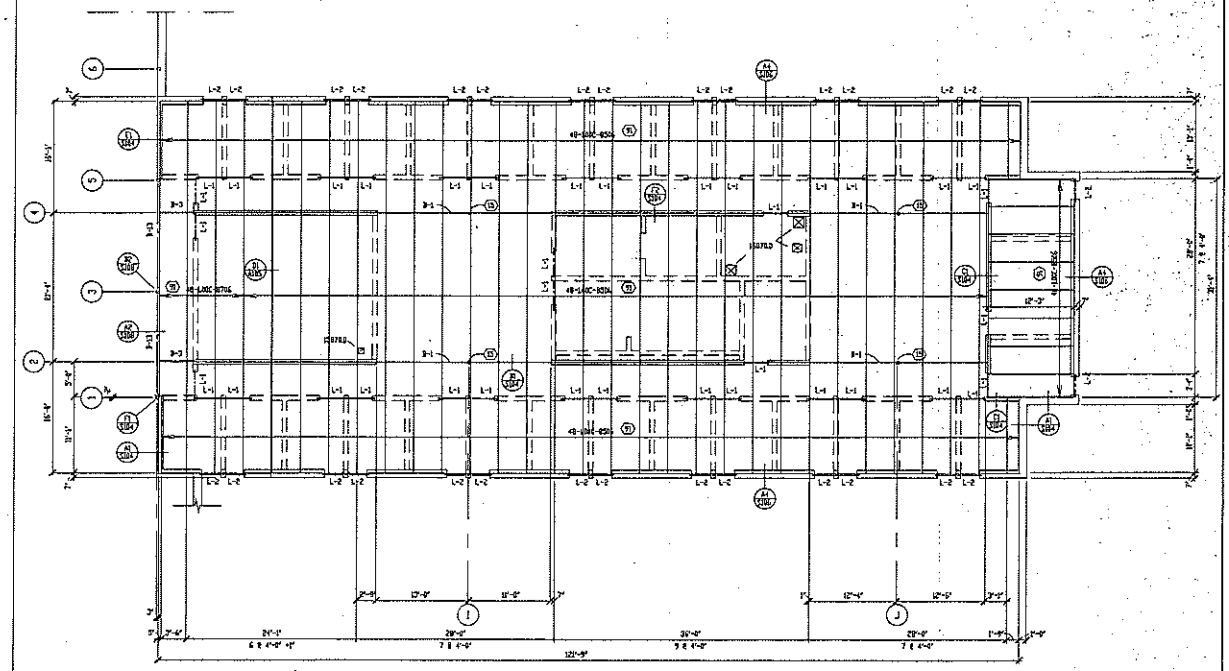
project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: G. AD
DRAWN: AB
CHECKED: AB
APPROVED: AB

ISSUED FOR: DATE
PRELIMINARY: ☐
CONSTRUCTION: ☒
FINAL RECORD: ☐

IDENTIFICATION NO.
PROJECT: 5102
STATE ACCOUNT: 110-47-5109-047

SHEET
S108



D3 RIGHT WING ROOF FRAMING PLAN
S109 1/8"=1'-0"

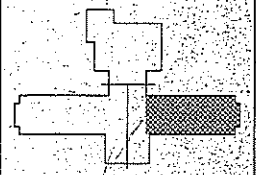
KEYED NOTES

1 DETAIL MECHANICAL OPENING

GENERAL NOTES

15 - STEEL COLUMN PER SCHEDULE ON STRUCTURAL DRAWINGS

19 PRECAST SCARCE MUNION
i.e. 48-LOOC-8756



KEY PLAN

REVISIONS:

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

BLOMQUIST, NELSON & ASSOCIATES ARCHITECTS
300 S. STEPHENSON AVE., IRON MOUNTAIN, MICHIGAN 49801 PH.(906) 774-7100 FAX

project: A LOW SECURITY CORRECTIONAL FACILITY
for: MICHIGAN DEPARTMENT OF CORRECTIONS
location: IRON COUNTY, MICHIGAN

DESIGNED: G.
DRAWN: B.
CHECKED: G.
APPROVED: G.

DATE:

ISSUED FOR:
PRELIMINARY
CONSTRUCTION
FINAL RECORD

PROJECT: 5402
STATE ACCOUNT: 110-47-5199-047

SHEET: S109

NO. DATE REVISION